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FAMILY-GROUP NAMES IN COLEOPTERA (INSECTA)

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Contents

I	Abstract
3	Introduction
5	Methods
5	Criteria of availability
7	Formation and treatment of family-group names
9	Principle of Coordination
9	Principle of Priority
10	Principle of Homonymy
11	Submissions to the Commission
11	Bibliographic notes
13	Format of the catalogue and conventions used
15	Results
15	Number of family-group names
15	Significant contributions
17	New nomenclatural acts
18	Synoptic classification of the world Coleoptera
94	Catalogue of Coleoptera family-group names
94	Order Coleoptera
94	†Suborder Protocoleoptera
95	Suborder Archostemata
97	Suborder Myxophaga
99	Suborder Adephaga
153	Suborder Polyphaga
153	Series Staphyliniformia

225	Series Scarabaeiformia
272	Series Elateriformia
332	Series Derodontiformia
333	Series Bostrichiformia
342	Series Cucujiformia
640	Acknowledgments
641	References
836	Appendix 1
869	Appendix 2
878	Appendix 3
887	Appendix 4
889	Appendix 5
894	Appendix 6
896	Index

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Abstract

We synthesize data on all known extant and fossil Coleoptera family-group names for the first time. A catalogue of 4887 family-group names (124 fossil, 4763 extant) based on 4707 distinct genera in Coleoptera is given. A total of 4492 names are available, 183 of which are permanently invalid because they are based on a preoccupied or a suppressed type genus. Names are listed in a classification framework. We recognize as valid 24 superfamilies, 211 families, 541 subfamilies, 1663 tribes and 740 subtribes. For each name, the original spelling, author, year of publication, page number, correct stem and type genus are included. The original spelling and availability of each name were checked from primary literature. A list of necessary changes due to Priority and Homonymy problems, and actions taken, is given. Current usage of names was conserved, whenever possible, to promote stability of the classification.

New synonymies (family-group names followed by genus-group names): AGRONOMINA Gistel, 1848 **syn. n.** of AMARINA Zimmermann, 1832 (CARABIDAE), HYLEPNIGALIOINI Gistel, 1856 **syn. n.** of MELANDRYINI Leach, 1815 (MELANDRYIDAE), POLYCYSTOPHORIDAE Gistel, 1856 **syn. n.** of MALACHIINAE Fleming, 1821 (MELYRIDAE), SCLERASTEINAE Gistel, 1856 **syn. n.** of PTILININAE Shuckard, 1839 (PTINIDAE), PHLOEONOMINI Ádám, 2001 **syn. n.** of OMALIINI MacLeay, 1825 (STAPHYLINIDAE),

SEPEDOPHILINI Ádám, 2001 **syn. n.** of TACHYPORINI MacLeay, 1825 (STAPHYLINIDAE), PHIBALINI Gistel, 1856 **syn. n.** of CTENIOPODINI Solier, 1835 (TENEBRIONIDAE); *Agronoma* Gistel 1848 (type species *Carabus familiaris* Duftschmid, 1812, designated herein) **syn. n.** of *Anara* Bonelli, 1810 (CARABIDAE), *Hylepnigalio* Gistel, 1856 (type species *Chrysomela caraboides* Linnaeus, 1760, by monotypy) **syn. n.** of *Melandrya* Fabricius, 1801 (MELANDRYIDAE), *Polycystophorus* Gistel, 1856 (type species *Cantharis aeneus* Linnaeus, 1758, designated herein) **syn. n.** of *Malachius* Fabricius, 1775 (MELYRIDAE), *Sclerastes* Gistel, 1856 (type species *Ptilinus costatus* Gyllenhal, 1827, designated herein) **syn. n.** of *Ptilinus* Geoffroy, 1762 (PTINIDAE), *Paniscus* Gistel, 1848 (type species *Scarabaeus fasciatus* Linnaeus, 1758, designated herein) **syn. n.** of *Trichius* Fabricius, 1775 (SCARABAEIDAE), *Phibalus* Gistel, 1856 (type species *Chrysomela pubescens* Linnaeus, 1758, by monotypy) **syn. n.** of *Omophlus* Dejean, 1834 (TENEBRIONIDAE). The following new replacement name is proposed: GOMPELIINA Bouchard, 2011 **nom. n.** for OLOTELINA Báguena Corella, 1948 (ADERIDAE).

Reversal of Precedence (Article 23.9) is used to conserve usage of the following names (family-group names followed by genus-group names): PERIGONINI Horn, 1881 **nom. protectum** over TRECHICINI Bates, 1873 **nom. oblitum** (CARABIDAE), ANISODACTYLINA Lacordaire, 1854 **nom. protectum** over EURYTRICHINA LeConte, 1848 **nom. oblitum** (CARABIDAE), SMICRONYCHINI Scidlitz, 1891 **nom. protectum** over DESMORINI LeConte, 1876 **nom. oblitum** (CURCULIONIDAE), BAGOINAE Thomson, 1859 **nom. protectum** over LYPRINAE Gistel 1848 **nom. oblitum** (CURCULIONIDAE), ATERPINA Lacordaire, 1863 **nom. protectum** over HELIOMENINA Gistel, 1848 **nom. oblitum** (CURCULIONIDAE), NAUPACTINI Gistel, 1848 **nom. protectum** over IPHIINI Schönherr, 1823 **nom. oblitum** (CURCULIONIDAE), CLEONINI Schönherr, 1826 **nom. protectum** over GEOMORINI Schönherr, 1823 **nom. oblitum** (CURCULIONIDAE), MAGDALINI Pascoe, 1870 **nom. protectum** over SCARDAMYCTINI Gistel, 1848 **nom. oblitum** (CURCULIONIDAE), AGRYPNINAE/-INI Candèze, 1857 **nom. protecta** over ADELOCERINAE/-INI Gistel, 1848 **nom. oblita** and PANGAURINAE/-INI Gistel, 1856 **nom. oblita** (ELATERIDAE), PROSTERNINI Gistel, 1856 **nom. protectum** over DIACANTHINI Gistel, 1848 **nom. oblitum** (ELATERIDAE), CALOPODINAE Costa, 1852 **nom. protectum** over SPAREDRINAE Gistel, 1848 **nom. oblitum** (OEDEMERIDAE), ADESMIINI Lacordaire, 1859 **nom. protectum** over MACROPODINI Agassiz, 1846 **nom. oblitum** (TENEBRIONIDAE), BOLITOPHAGINI Kirby, 1837 **nom. protectum** over ELEDONINI Billberg, 1820 **nom. oblitum** (TENEBRIONIDAE), THROSCIDAE Laporte, 1840 **nom. protectum** over STEREOLOIDAE Rafinesque, 1815 **nom. oblitum** (THROSCIDAE) and LOPHOCATERINI Crowson, 1964 over LYCOPTINI Casey, 1890 **nom. oblitum** (TROGOSITIDAE); *Monotoma* Herbst, 1799 **nom. protectum** over *Monotoma* Panzer, 1792 **nom. oblitum** (MONOTOMIDAE); *Pediaceus* Shuckard, 1839 **nom. protectum** over *Biophloeus* Dejean, 1835 **nom. oblitum** (CUCUJIDAE), *Pachypus* Dejean, 1821 **nom. protectum** over *Pachypus* Billberg, 1820 **nom. oblitum** (SCARABAEIDAE), *Sparrmannia* Laporte, 1840 **nom. protectum** over *Leocaeta* Dejean, 1833 **nom. oblitum** and *Cephalotrichia* Hope, 1837 **nom. oblitum** (SCARABAEIDAE).

Keywords

Beetles, nomenclature, classification, world fauna, family-group names, type genera, stem

Zoological nomenclature affects the work of all zoologists, yet only a minuscule fraction of one percent of [the craziest] zoologists deal directly with problems associated with scientific names of animals (Bock 1994).

Introduction

The accurate use of scientific names in zoology is necessary to minimize nomenclatural instability and allow the maximal retrieval of scientific information from the ever increasing body of literature. Akin to other scientific names such as species- and genus-group names, family-group names are extremely important in the exchange of information about the world we live in. Rules about how to treat family-group names, as determined by the *International Commission on Zoological Nomenclature* [henceforth the Commission], have been an integral part of zoological nomenclature since the early 1900s (for a historical review of family-group names refer to Bock 1994).

The first family-group names based on the stem of their type genus appeared in zoological literature in the early 19th Century (see Sabrosky 1999). The first authors inconsistently used a variety of endings (–IDES, –ITES, –IDA, –I, –IDE, etc.) for suprageneric divisions at various levels. The ending –IDAE was apparently first suggested by Kirby (1813) as a characteristic ending for names at the rank of family. Although many ranks have been used in the past for suprageneric names, only the following suffixes are currently regulated by the *International Code of Zoological Nomenclature* [henceforth the Code] (ICZN 1999a): superfamily (–OIDEA), family (–IDAE), subfamily (–INAE), tribe (–INI) and subtribe (–INA).

The last twenty five years has seen an increase in the number of studies on family-group names of entire groups in zoology (e.g., Štys and Jansson 1988 for Hemiptera: Nepomorpha; Bock 1994 for Aves; McKenna and Bell 1997 for Mammalia; Ferraris and de Pinna 1999 for Pisces: Siluriformes; Sabrosky 1999 for Diptera; Engel and Krishna 2004 for Isoptera; Speidel and Naumann 2004 for Lepidoptera: NOCTUOIDEA; Bouchet and Rocroi 2005 for Gastropoda; Engel 2005 for Hymenoptera: APOIDEA; Engel and Haas 2007 for Dermaptera; Bouchet and Rocroi 2010 for Bivalvia). The contents (i.e., whether they include fossils or not) and presentation of the data (i.e., in a classification scheme, in chronological order or in alphabetic order) in those works vary greatly. The most extensive treatments of animal family-group names to date are those of Diptera (Sabrosky 1999) and Gastropoda (Bouchet and Rocroi 2005) which covered names based on approximately 2000 and 2400 distinct type genera respectively. Some of the reasons given by authors of these works for providing comprehensive lists of family-group names include avoiding the unnecessary proposal of new names, facilitating decisions on priority and promoting long-term stability of the classification. We believe that such catalogues are especially important as the number of studies

dealing with the higher relationships of major clades will continue to increase as new algorithms and data sets (e.g., molecular data) become available.

Given the importance of family-group names in the scientific literature, it is rather surprising that still many authors do not cite the author or year of publication of those names correctly, or at all. According to Recommendation 51A of the Code (ICZN 1999a) "The original author and date of a name should be cited at least once in each work dealing with the taxon denoted by that name." In addition to satisfying Recommendation 51A of the Code, citation of authorities of scientific names can also have a positive impact on modern world taxonomists (Werner 2006; Agnarson and Kuntner 2007). Adding to further confusion and errors in the literature is the fact that the Principle of Coordination (Art. 36.1) is still overlooked by some authors.

Coleoptera are currently the most species-rich group of organisms on this planet with approximately 360 000 described species (Bouchard et al. 2009). The great morphological diversity of beetles has led to the proliferation of suprageneric taxa at various ranks. Latreille (1797) was apparently the first to introduce the concept of family-level taxa (see Bock 1994: 244) but it is only a few years later (Latreille 1802) that he proposed available names for these groupings, including several in the order Coleoptera. More recent evidence suggests that available family-group names in some groups of animals other than Coleoptera (e.g., Chordata: Sauropsida) appeared in the late 18th Century (see Dubois and Bour 2010), even earlier than in Latreille (1802).

The nomenclature of family-group names in Coleoptera did not receive much attention until the treatment of Geadephaga names by Madge (1989). Similar lists, based on rules from two different editions of the Code (ICZN 1985g, 1999a), have now been published in DYTISCIDAE (Nilsson et al. 1989), Staphyliniformia (Newton and Thayer 1992), CUCUJOIDEA (Pakaluk et al. 1994), CURCULIONOIDEA (Alonso-Zarazaga and Lyal 1999), BUPRESTOIDEA (Bellamy 2003, 2008a-d, 2009), TENEBRIONIDAE (Bouchard et al. 2005), SCARABAEOIDEA (Smith 2006) and CERAMBYCIDAE (Bousquet et al. 2009). Another important contribution was that of Lawrence and Newton (1995) which included a review of the nomenclature of all beetle family-group names for the rank of subfamily and above.

The vast body of scientific literature dealing with beetles has been a deterrent to producing a complete review of all Coleoptera family-group names in the past. This publication was only made possible by the collaboration of several coleopterists.

The specific objectives of this study are to: 1) establish the first comprehensive list of all Coleoptera family-group names with information on type genus, author(s), year of publication and complete bibliographical references; 2) assess the availability and validity of each name using rules laid out in the most recent *Code of Zoological Nomenclature* (ICZN 1999a), 3) summarize Priority and Homonymy problems with currently used names and, 4) propose or implement solutions to these problems in order to promote stability. We include family-group names that were published on or before December 31, 2010.

This publication should be seen as the starting point of what could eventually serve as the basis for a submission of Part of a *List of Available names in Zoology* (Art. 79).

With this goal in mind, we ask all coleopterists to either send us, or to publish, corrections or differences of opinions in the months and years to come. It is our intention to update our list of family-group names as new data are published and to provide a second edition of this work in approximately five years.

Methods

Criteria of availability

Decisions about the availability and validity of each Coleoptera family-group name in our catalogue were made following the process outline in Figure 1. First we established whether the name was available or unavailable based on the criteria of availability summarized below. If a name first proposed on a particular type genus was determined to be unavailable then searches were conducted to establish if a family-group name based on the same type genus was made available subsequently. If so then this available name was entered in our catalogue. From the pool of available names, we removed those that are permanently invalid (Art. 39). All the remaining available names were then separated into those that are valid based on the classification used here (at any rank from subtribe to superfamily) and those that are invalid (i.e., synonyms).

In order to be available, a family-group name proposed before 1931 must to be a scientific name (i.e., in latinized form) in the nominative plural based on the stem of an available genus name then used as valid in the new suprageneric taxon (Art. 11.7).

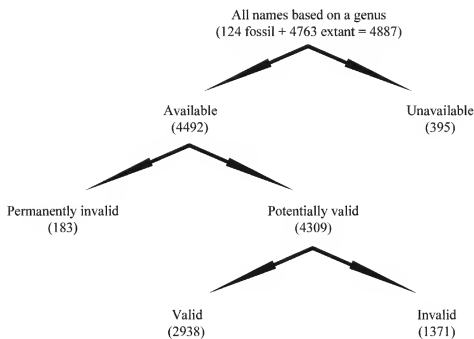


Figure 1. Overview of the process used to determine the availability and validity of family-group names in Coleoptera (modified from Bouchet and Rocroi 2005). The number of names for each category is given in parentheses.

In addition to the criteria of availability mentioned above, new family-group names proposed between 1931 and 1999 had to be described in words, or be associated with a bibliographic reference to such a description, in order to be considered available (Arts 13, 15). In works published after 1930 which contained more than one use of a new family-group name, we selected a page where a description was clearly associated with the new taxon for the catalogue. It should be noted that replacement names proposed in that time period are available without description (Art. 13.1.3). Additionally, “a family-group name first published after 1930 and before 1961 which does not satisfy the provisions of Article 13.1 is available from its original publication only if it was used as valid before 2000, and also was not rejected by an author who, after 1960 and before 2000, expressly applied Article 13 of the then current editions of the Code” (Art. 13.2.1). Names proposed between 1931 and 1960 can also be considered available if the description of the new family-group name and a single new genus-group name is combined (Art. 13.5). Finally, family-group names proposed since 2000 have to be explicitly indicated as new and the name of the type genus has to be clearly cited in order to be available (Art. 16). Based on our interpretation of Article 16.2, any new family-group name proposed after 1999 in a paper in which the name of the type genus is clearly cited in connection with it (although maybe not explicitly with a formula such as “Type genus = *Aus* Doe, 2010”) is available.

One of the most difficult tasks while working on this review was to decide on the most consistent and objective way to apply Article 11.7.2, which deals with the availability of names that were originally proposed in a vernacular form. Vernacular names are generally not treated as scientific names in zoological nomenclature (see Recommendation 11A). However, the International Commission on Zoological Nomenclature has made a single, but rather restricted, exception that applies to family-group names. According to the Code, a vernacular name “...is available with its original author and date only if it has been latinized by later authors and has been generally accepted as valid by authors interested in the group concerned and as dating from that first publication in vernacular form” (Art. 11.7.2).

We have interpreted names proposed in the following languages to be vernacular: all German names with the suffix “-EN”, all Spanish names with the suffix “-OS” or “-AS” and all French names with the suffix “-IENS”. The most important issue was to determine the correct status of names originally proposed with the suffix “-ES.” We have used the principle that all family-group names proposed by non-French writers with the suffix “-ES” were in fact latinized names with an ending that differs from those regulated by the Commission (these are mostly older names proposed before rules of zoological nomenclature became well-established). For each name with the suffix “-ES” first proposed by French workers (e.g., Latreille, Lacordaire, Lameere) we went through the entire work containing those names and established if these authors consistently used either vernacular or latinized names in their work. French vernacular names often have accents in them (“é” or “è”) while latinized names do not. We have found that determining whether an author used vernacular or latinized names in a particular work was fairly straightforward (Bousquet et al. 2009). Latreille proposed

new family-group names with the suffix “-es” in several of his works. We noticed that he most often used both the vernacular (listed first, with accents when required by French language) and latinized (listed second, always in italics) forms of each name together in the same heading. We have listed the latinized form of the name in each of those cases.

As in Bousquet et al. (2009), we have interpreted the requirements listed in Art. 11.7.2. as three separate conditions to be met. For each vernacular name we determined if it had 1) been subsequently latinized, 2) been generally accepted as valid by authors interested in the group and 3) been attributed to the author and date of original publication. Failure to fulfil any of the requirements resulted in the treatment of that name as unavailable. In those cases, we provide a comment explaining why this taxon was treated as unavailable (e.g., “original vernacular name unavailable (Art. 11.7.2): not subsequently latinized”). Many recent authors have treated family-group names first proposed in vernacular form as available if they were latinized by later authors but we do not believe that this practice is in line with the requirements of the Code. We have accepted as available all vernacular names published before 1900 that have subsequently been used in latinized form, while being used as valid, and credited to the publication in their vernacular form. For every vernacular name that meets the requirement of availability, we have added a comment in the format of the following example “original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 240, as *MERACANTHINI*), generally accepted as in Gebien (1911: 567, as *MERACANTHINAE*)”.

Formation and treatment of family-group names

Article 29.2 includes a list of suffixes to be used for groups at the superfamily (-OIDEA), family (-IDAE), subfamily (-INAE), tribe (-INI) and subtribe (-INAE) names. The suffix of other categories is not regulated by the Code. The rank of supertribe (-ITAE) was used here for a small number of groups in which recent changes in classification required an additional rank between subfamily and tribe (e.g., STAPHYLINOIDEA).

The correct spelling of family-group names depends on the stem of its type genus (Art. 29.3). As pointed out by Newton and Thayer (1992) the family-group name stems of most generic names that can be regarded as Latin nouns are determined easily by dropping the following nominative case ending -us, -um, -es and -a. Examples of such straightforward case in Coleoptera include CARABIDAE (type genus *Carabus*), ADELIINI (type genus *Adelium*), TRECHODINA (type genus *Trechodes*) and ANTHIINI (type genus *Anthia*). A summary of other commonly encountered generic endings, along with their corresponding stems, is given in Table 1. Note that generic names ending with -gaster (Greek for stomach) can have either -gaster- or -gastr- as their correct stem and therefore we have accepted the stem formation of the first author of the family-group name based on such genera as correct. Stems were reviewed for all type genera included in our catalogue.

Table 1. List of common Coleoptera generic suffixes with their associated family-group name endings (based partly on Bouchet and Rocroi 2005, with additions by YB, AFN, MAAZ and M. K. Thayer).

Generic ending	Meaning	Derived family-group name ending	Type genus example	Family-group name example
-apion	pear (Greek)	-API-	<i>Aspidapion</i>	ASPIDAPIINA
-arthron	joint (Greek)	-ARTH-	<i>Decarthron</i>	DECARTHRIINA
-aspis	shield (Greek)	-ASPID-	<i>Anaspis</i>	ANASPIDINAE
-baris	flat-bottomed boat (Greek)	-BARID-	<i>Baris</i>	BARIDINI
-chlamys	mantle (Greek)	-CLAMYD-	<i>Spodochlamys</i>	SPODOCHLAMYDINI
-celis	spot (Greek)	-CELID-	<i>Xiphoscelis</i>	XIPHOSCELIDINI
-ceras	horn (Greek)	-CERAT-	<i>Megaceras</i>	MEGACERATINI
-cnema	shin or tibia (Greek)	-CNEM-	<i>Pachycnema</i>	PACHYCNEMINA
-cupes	dainty (Latin)	-CUPED-	<i>Cupes</i>	CUPEDIDAE
-dacne	bite (Greek)	-DACN-	<i>Dacne</i>	DACNINI
-deres	neck, throat (Greek)	-DER-	<i>Aglycyderes</i>	AGLYCYDERINI
-derma	skin (Greek)	-DERMAT-	<i>Cryptoderma</i>	CRYPTODERMATINAE
-dytes	diver (Greek)	-DYT-	<i>Aspidytes</i>	ASPIDYTIDAE
-genys	jaw (Greek)	-GENY-	<i>Chaetogenys</i>	CHAETOGENYINI
-hospes	guest (Latin)	-HOSPIT-	<i>Termitohospes</i>	TERMITOHOSPITINI
-ides	similar to, derived from (Greek)	-ID-	<i>Anaides</i>	ANAIIDINAE
-ifer	carrier of (Latin)	-IFER-	<i>Undulifer</i>	UNDULIFERINAE
-iger	carrier of (Latin)	-IGER-	<i>Apoderiger</i>	APODERIGERINA
-ites	like (Latin, Greek)	-IT-	<i>Aegialites</i>	AEGIALITINAE
-loma	edge or fringe (Greek)	-LOMAT-	<i>Discoloma</i>	DISCOLOMATINAE
-macer	thin (Latin)	-MACR-	<i>Rhynchitomacer</i>	RHYNCHITOMACRINI
-mycter	nose (Greek)	-MYCTER-	<i>Eurymycter</i>	EURMYCTERINI
-odes	similar to (Greek)	-OD-	<i>Agrytodes</i>	AGRYTODINI
-odon	tooth (Greek)	-ODONT-	<i>Pentodon</i>	PENTODONTINI
-oides	like (Greek)	-OID-	<i>Acmaeoderoïdes</i>	ACMAEODEROIDINA
-omma	eye (Greek)	-OMMAT-	<i>Omma</i>	OMMATIDAE
-onyx	yellow gem stone (Greek)	-ONYCH-	<i>Trichonyx</i>	TRICHONYCHINI
-ops	eye (Greek)	-OP-	<i>Achaenops</i>	ACHAENOPINA
-opsis	appearance (Greek)	-OPSE-	<i>Brachyceropsis</i>	BRACHYCEROPSEINI
-otes	quality, nature (Greek)	-OT-	<i>Agriotes</i>	AGRIOTINI
-pholis	horny scale (Greek)	-PHOLID-	<i>Trachypholis</i>	TRACHYPHOLIDINI
-pteryx	wing (Greek)	-PTERYG-	<i>Trichopteryx</i>	TRICHOPTERYGINI
-pus	foot (Greek)	-POD-	<i>Baripus</i>	BARIPODINA
-rhinus	snout (Greek)	-RHIN-	<i>Platyrhinus</i>	PLATYRHININI
-rhynchus	snout (Greek)	-RHYNCH-	<i>Doydirhynchus</i>	DOYDIRHYNCHINI
-rhipis	fan (Greek)	-RHIPID-	<i>Xenorhipis</i>	XENORHIPIDINI
-soma	body (Greek)	-SOMAT-	<i>Platysoma</i>	PLATYSOMATINI
-stoma	mouth (Greek)	-STOMAT-	<i>Stenostoma</i>	STENOSTOMATINI
-teles	perfect (Greek)	-TEL-	<i>Abroteles</i>	ABROTELINA
-termes	wood-worm (Latin)	-TERMIT-	<i>Philoterme</i>	PHILOTERMITINI
-thorax	chest (Greek)	-THORAC-	<i>Mecyclothorax</i>	MECYCLOTHORACINI
-trox	gnawer (Greek)	-TROG-	<i>Trox</i>	TROGIDAE
-trupes	borer (Greek)	-TRUP-	<i>Ceratotrupes</i>	CERATOTRUPINI
-typus	shape (Greek)	-TYP-	<i>Amarotypus</i>	AMAROTYPINI

It should be noted that if a family-group name was not formed in accordance with Art. 29.3 but its original spelling is in prevailing usage then the current spelling is to be maintained (Art. 29.5). We have conserved the spelling of several family-group names currently used as valid however we did not do so for names that are listed as synonyms. For names based on incorrect stems proposed after 1999, we have considered that prevailing usage cannot be used to conserve the original spellings because too few references using these names could be found. We have therefore corrected the stems of such names unless the name of the type genus was an arbitrary combination of letters (Art. 29.4).

As stated in Art. 35.4.1 “A family-group name based upon an unjustified emendation ... or an incorrect spelling of the name of the type genus must be corrected, unless it is preserved under Article 29.5 or unless the spelling of the genus-group name used to form the family-group name is preserved under Articles 33.2.3.1 or 33.3.1.” When an unjustified emendation or an incorrect subsequent spelling of the type genus is in prevailing usage and is attributed to the original author and date (Art. 33.2.3.1; 33.3.1), the correct spelling of the type genus is that in current usage.

In the glossary of the Code, a name in prevailing usage is defined as a “name which is adopted by at least a substantial majority of the most recent authors concerned with the relevant taxon, irrespective of how long ago their work was published”. The unfortunate subjectivity in this definition, as pointed out by Ferraris (2000), left us with no choice but determine prevailing usage in an *ad hoc* fashion throughout.

Principle of Coordination

The Principle of Coordination (Art. 36.1) is, unfortunately, still overlooked by some authors. In some instances authors who propose new ranks for previously established suprageneric names are sometimes treated as the author of those names when in fact only a change of rank was presented. Based on the Code “A name established at any rank in the family-group is deemed to have been simultaneously established for nominal taxa at all ranks in the family-group; all these taxa have the same type genus, and their names are formed from the stem of the name of the type genus [Art. 29.3] with appropriate change of suffix [Art. 34.1]. The name has the same authorship and date at every rank.”

Principle of Priority

As for species- and genus-group names, the oldest available name for a family-group taxon should be considered as valid (Art. 23). However four important exceptions need further discussion. Firstly, when a little-known family-group name was discovered to be older than a name currently used as valid for a particular taxon, we used the Reversal of Precedence to conserve usage of the younger name if the conditions of

Art. 23.9.2 could be fulfilled. Younger names conserved using Reversal of Precedence are listed in Appendix 1. In some instances we could not fulfill all conditions of Art. 23.9.2 although we considered that using the newly discovered older name as valid would threaten stability or cause confusion. In those cases we maintained usage of the younger name as valid and either submitted an application to the Commission to conserve the younger name or made a recommendation that such submission should be submitted in the near future (Art. 23.9.3).

According to Art. 35.5 “If after 1999 a name in use for a family-group taxon (e.g., for a subfamily) is found to be older than a name in prevailing usage for a taxon at higher rank in the same family-group taxon (e.g., for the family within which the older name is the name of a subfamily) the older name is not to displace the younger name.” Indeed, we encountered a small number of cases in which the replacement of a name at the higher rank (e.g., *LYMEXYLOIDEA* Fleming, 1821) by the discovery of an older name for a taxon at a lower rank (e.g., *HYLECOETOIDEA* Germar, 1818) would not have served the stability of well-established names. In such cases usage of the younger name at the higher rank was conserved.

In cases where a family-group name was replaced before 1961 because of the synonymy of its type genus (e.g., *LEPICERIDAE* Hinton, 1936 instead of *CYATHOCERIDAE* Sharp, 1882), the substitute name is to be maintained if it is in prevailing usage (Art. 40.2). In such cases, the valid family-group name retains its own author but takes the priority of the replaced name. Based on Recommendation 40A, we have cited those names with their original author and date, followed by the date of its priority enclosed in parentheses, as determined by Art. 40.2.1 (e.g., *LEPICERIDAE* Hinton, 1936 (1882)).

Lastly, if the stability and continuity of the meaning of a family-group name is threatened by the discovery that the type genus was originally misidentified, or that the type genus was based on a misidentified type species, or that an older type species of the type genus had been overlooked, then the case is to be referred to the Commission for a ruling (Art. 65.2.1). In cases where the oldest available name for a family-group taxon is based on misidentified type genus, or an altered concept of the type genus (e.g., see *SCYDMAENINI* Reitter, 1882), we have preferred to consider this name as invalid and to use instead the family-group name which is in prevailing usage (e.g., *CYRTOSCYDMINI* L. W. Schaufuss, 1889) until an application is submitted and a ruling is rendered by the Commission.

A list of problem cases based on the Principle of Priority, with comments on implementation of solutions or necessary actions to be taken in the future, is given in Appendix 2.

Principle of Homonymy

Based on the Principle of Homonymy “when two or more names are homonyms, only the senior, as determined by the Principle of Priority..., may be used as the valid

name..." (Art. 55.2). Here we report several instances in which family-group names in Coleoptera are identical to other family-group names in zoological nomenclature. These names are either based on identical type genera or on type genera that are similar but not identical. In the first instance the family-group name based on the preoccupied type genus is permanently invalid (Art. 39) but available.

When family-group names are homonyms because their type genera are similar but not identical, the case must be referred to the Commission for a ruling to remove homonymy (Art. 55.3.1). Such is the case with *ADELIINI* Kirby, 1825 (type genus *Adelium* Kirby, 1819) and the hymenopteran name *ADELIINI* Viereck, 1918 (type genus *Adelius* Haliday, 1833) which are both correctly formed from the stem of their type genus. More than thirty such cases were encountered during our research on Coleoptera family-group names.

Junior homonyms conserved using Reversal of Precedence are listed in Appendix 1. A list of problem cases based on the Principle of Homonymy, with comments on implementation of solutions or necessary actions to be taken in the future, is given in Appendix 3.

Submissions to the Commission

As mentioned above, we have encountered several cases which require an application to the Commission because of problems with priority and/or homonymy. Some of these cases have been submitted recently (Engel and Bouchard 2009, Bousquet et al. 2010, Bousquet and Bouchard 2010) and others will be submitted in the near future (see summary in Appendices 2 and 3). However, it is not our intention to submit applications for all cases. Since we intend to submit this work as Part of the *List of Available Names in Zoology* in approximately five years, we hope the coleopterist community will take this opportunity to submit applications to the Commission in order to resolve some of the remaining problems outlined here.

Bibliographic notes

Von Hayek (1973: 282, 290) and Stibick (1979: 157) reported that the important works on ELATERIDAE classification by Candèze (1857) and Lacordaire (1857) were published in May and June of 1857 respectively. Since then, when the same new name appeared in both of these works, Candèze's names have been given priority over Lacordaire's. We have discovered that Lacordaire's work was in fact published before 25 May 1857 (as recorded by the Académie des Sciences de France) which would make the names in his work the oldest based on strict adherence to the Code (Art. 21.3). In order to avoid unnecessary changes in authorship in the future and maintain prevailing usage, we have opted to continue attributing elaterid family-group names to Candèze, 1857.

Authorship of the three volumes on Coleoptera of the series *Encyclopédie d'histoire naturelle* is debated. The title pages on the volumes list Jean Charles Chenu as the author of the *Encyclopédie d'histoire naturelle* with the assistance of Eugène Desmarest for the Coleoptera section. However, the *Société Entomologique de France* recorded the livraisons received for 1851 in their *Bulletin* (p. cxxv) as “*Encyclopédie d'histoire naturelle, ou traité complet de cette science, sous la direction de M. le docteur Chenu. Coléoptères, par M.E. Desmarest.*” This was likely the title on the wrapper and clearly suggests that Desmarest was responsible alone for the three volume series on Coleoptera. This is also substantiated by Desmarest himself who in the *Bulletin de la Société Entomologique de France* for 1860 (p. lxxiii) speaks of the three volumes series as being his work, published under the direction of Chenu. Based on the above fact, we credit the three-volume series to Desmarest alone (Desmarest 1851, 1857, 1860).

The articles presented by Mulsant (and Rey) in the “Opusculs Entomologiques” are considered here to be reprints (as a compilation) of original publications in various *Annales*, mostly printed at Lyon, for the following reasons: In the dedication to the first volume Mulsant wrote “ces Opusculs, publiés déjà ça et là dans nos Recueils académiques”. The dates of the dedications in the Opusculs are always later than the dates on which they were presented to the various Sociétés, frequently in the following year. Although published at Paris, the Opusculs (see verso of title pages) were printed at Lyon by F. Dumoulin and others, the same printers which published the *Mémoires de l'Académie... des Sciences, Belles-Lettres et Arts de Lyon*, etc. Rey himself, in later publications such as the continuation of the “Histoire Naturelle des Coléoptères de France” (e.g., *Annales de la Société Linnéenne de Lyon* (N. S.) 32[1885]: 1-186 + [4], pls. 1-2 [see p. 106]) cited the *Annales de la Société Linnéenne de Lyon* article before the *Opusculs* version. E. A. Fitch (1881: 46-47), in his obituary of Mulsant, indicated that both the *Histoire Naturelle des Coléoptères de France* and the *Opusculs Entomologiques* “appeared originally... in the *Annals*” and “later republished in separate form at Paris”. These concepts were reiterated by Tottenham (1949: 352). Marseul (1882: 20) wrote, “Tous les ouvrages de Mulsant, sauf quelques-uns, ont été publiés dans les *Annales des trois sociétés... et l'Académie des Sciences*. Tous ont été reproduits séparément soit dans l'*Histoire Naturelle des Coléoptères et des Punaises de France*, soit dans les *Opusculs.*”

However, the first fascicles of the *Histoire Naturelle* series up to the “*Pectinipèdes*” were not reprinted in journals. It seems that most of the succeeding fascicles were submitted to the various Sociétés, were printed by Dumoulin, Barret, Pinier, etc. at Lyon, the dedications were then added and they were sent to Paris for separate publication with the same typesetting, and with changes only to the pagination and some titles. Since the issuing of the journal volumes was frequently delayed by the compilation of many papers (usually in the following year), the separate edition often appeared first, as shown by records of other journals and, in particular, the *Bibliographie de la France*. Therefore we have given date priority to the *Histoire Naturelle* versions in most instances, only those page numbers are cited with the scientific names in the catalogue unless evidence was found to the contrary, and the alternate versions are cited only in the bibliography, following each reference.

Format of the catalogue and conventions used

This paper is organized into two main parts: 1) a synoptic classification containing only the names which we consider as valid herein and 2) a catalogue of all family-group names organized in the same order as in the synoptic classification. It should be noted that our publication is first and foremost a nomenclatural treatment of family-group names. We want to emphasize that the classification used here is not based on newly generated phylogenetic data. Furthermore, we do not necessarily endorse all parts of the classification presented, particularly those which were not based on phylogenetic approaches. For the most part, we follow currently accepted concepts in recent taxon-specific catalogues as well as comprehensive syntheses such as the *Handbook of Zoology* (Beutel and Leschen 2005, Leschen et al. 2010), *American Beetles* (Arnett and Thomas 2000; Arnett et al. 2002) and the *Catalogue of Palaearctic Coleoptera* (Löbl and Smetana 2003, 2004, 2006, 2007, 2008, 2010). Although we recognize that the classification we use will likely become outdated in the near future, we believe that this is the best way to present the assembled data.

Only family-group names that are based on genera are included in our catalogue. For each family-group name the original spelling, author, year of publication, page number, correct stem and type genus are given. Complete data and comments regarding a particular family-group name are presented with the lowest-rank name when the same stem is used in more than one rank, since the same criteria apply in accordance with the Principle of Coordination (Art. 36.1). The correct stem to be used, which is given in square brackets (e.g., [stem: *Uralocole*-]), is especially important for synonyms, since the status of a name may be changed from synonym to valid in the future. Subsequent alternative spellings of family-group names (i.e., simple changes in suffix depending on change in rank) are not given here. Both available and unavailable names are listed together in the catalogue in order to enhance information retrieval. Unavailable names are preceded by an asterisk "*" and are identified as such in the "Comments" section along with the reason for this status. As is common practice in publications of the International Commission on Zoological Nomenclature, we use small capital letters for family-group names. Names in the catalogue are organized in a "phylogenetic" framework, as accepted in recent publications on the group, down to subfamily level. Valid tribes and subtribes are listed in alphabetical order within each subfamily. Synonyms are listed in chronological order under each valid taxon.

Known works of Johannes Gistel (who also published under the name Johannes Gistl and as G. Tilesius; see Evenhuis 1997a) were included in this paper. Although Gistel's works were largely ignored by contemporaries (e.g., Gemminger and Harold 1868a) and continue to be ignored by some workers (e.g., Cate 2007) they are nevertheless broadly available and represent a significant contribution to the nomenclature of family-group and genus-group names in Coleoptera. In order to promote stability, some names proposed for the first time by Gistel (but ignored until now) that threaten names in current usage are treated here as *nomina oblita* (when conditions of Art. 23.9 could be met) or are subject to appeals to the Commission. According to the glossary

of the Code, a *nomen oblitum* is a “Latin term applied after 1 January 2000 to a name, unused since 1899, which as a result of an action taken under Article 23.9.2 does not take precedence over a younger synonym or homonym in prevailing usage. The term *nomen oblitum* was also applied to a disused senior synonym rejected between 6 November 1961 and 1 January 1973 under Art. 23b of the Code editions then in force (see Art. 23.12.2). *Nomina oblita* are available names; see Articles 23.9 and 23.12 for conditions controlling their use as valid names.”

Because of the importance of the Principle of Priority, we have tried to find the most accurate date of publication (given in square brackets in the References section) for works cited in the manuscript. The date of publication was determined either from the original publication itself, from the date of “stamps” when received in libraries of natural history institutions or from secondary literature sources. A list of natural history institutions and secondary literature sources is given at the beginning of the References section. Data on dates of publication were provided by AFN, PB, AED, MAAZ, CHCL, ABTS and YB. References for type genera are not included here to conserve space and because they are for the most part available in other recent publications (e.g., Löbl and Smetana 2003, 2004, 2006, 2007, 2008, 2010).

Names on the *Official List of Family-Group Names in Zoology* and type genera on the *Official List of Generic Names in Zoology* are included in our catalogue and are summarized in Appendix 4 and 5 respectively. Cases involving family-group names and/or their type genera that are awaiting a ruling by the Commission are summarized in Appendix 6.

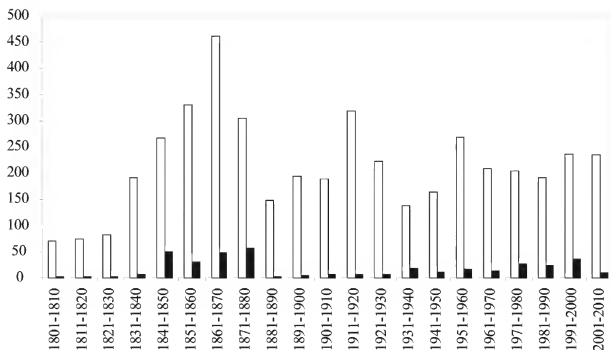


Figure 2. Number of family-group names proposed in Coleoptera by decade. White bars = available names. Black bars = unavailable names.

Results

Number of family-group names

A total of 4887 family-group names are included in our catalogue (see Figure 1). Of the names recorded, 4492 are available, of which 183 are permanently invalid because they are based on a preoccupied type genus or a genus which has been suppressed by the Commission. The majority of names were proposed in the suborder Polyphaga (4314) followed by Adephaga (531), Myxophaga (16), Archostemata (17) and Proto-coleoptera (9). Within Adephaga the family CARABIDAE contains the highest number of names by far (441) followed by DYTISCIDAE (47). The five superfamilies with the highest number of names in POLYPHAGA are the CURCULIONOIDEA (862), CHRYSOMELOIDEA (794), STAPHYLINOIDEA (594), TENEBRIONOIDEA (579) and SCARABAEOIDEA (436). Overall, the five families with the highest number of family-group names proposed are CURCULIONIDAE (555), STAPHYLINIDAE (493), CERAMBYCIDAE (468), CARABIDAE (441) and TENEBRIONIDAE (323).

The number of Coleoptera family-group names that appeared in the 19th and 20th Centuries are almost identical (2331 and 2556 respectively) while the last decade saw an increase of 5% (246 names) in the total number of names in the literature (Figure 2). A large number of names proposed in the middle of the 19th Century are unavailable. Those names were generally proposed in vernacular form and were not made available subsequently (Art. 11.7.2). Unavailable names proposed after 1930 generally lacked a description or bibliographic reference to such a description (Arts 13, 15). Several names proposed in the last decade were either not explicitly introduced as new taxa or did not include necessary information about the type genus and are therefore unavailable (Art. 16).

Significant contributions

A summary of the most significant contributions, in terms of the total number of names proposed by author, is shown in Table 2. Eighteen authors proposed 50 or more family-group names in Coleoptera. Lacordaire was the most prolific with 353 new names. Although the majority of Lacordaire's names were proposed in vernacular form, a large proportion of them (90%) were subsequently made available and many are used as valid today.

The authors with the lowest percentage of available family-group names (Mulsant, Chapuis, Rey and Blanchard) originally proposed their names in vernacular form and a significant proportion of those names were not made available subsequently. All names proposed by LeConte, Reitter, Casey, Horn, Legalov, C. G. Thomson and Laporte are considered available.

Thirteen of the authors in Table 2 were active exclusively during the 19th Century while two authors, Reitter and Casey, published their works containing new family-

group names in both the 19th and 20th Centuries. Two authors published family-group names exclusively during the 20th Century (Jeannel and Voss). Legalov is our only contemporary colleague in this list; he proposed more than 50 new family-group names in the last decade. It should be noted that the recent proliferation of new scientific names proposed by Legalov is treated by some authors as “extreme splitting” (Riedel 2006) and “based on numerous spurious characters of doubtful phylogenetic value” (Oberprieler et al. 2007).

The broad taxonomic interests and expertise of Lacordaire, Gistel, LeConte, Mulsant, Latreille and C. G. Thomson are exemplified by the fact that they introduced new family-group names in 25 or more families. This was done either in catalogues (e.g., Gistel, C. G. Thomson) and/or in large scale taxonomic treatments (e.g., Lacordaire, LeConte, Latreille, Mulsant). On the other hand, the taxonomic expertise of J. Thomson, Chapuis, Jeannel, Voss, Burmeister and Legalov is much more targeted towards a small number of families (fewer than 10).

Table 2. Summary of number of family-group names in Coleoptera by author. Only authors that have proposed fifty or more names are included. Authors listed in decreasing order by total number of names proposed. For each author we give the total number of name proposed, the percentage of those names that are available, the range of years in which those names were proposed and the number of families in which they proposed new family-group names in.

Rank	Author	Country of origin	Total family-group names	Percent available	Publication (year range)	Number of families
1	Lacordaire, Jean Théodore	France	353	90	1848–1872	34
2	Gistel, Johannes von Nepomuk Franz Xaver	Germany	135	99	1848–1856	42
3	LeConte, John Lawrence	USA	131	100	1847–1883	45
4	Thomson, James	USA	124	99	1857–1877	6
5	Mulsant, Étienne	France	122	76	1839–1880	25
6	Chapuis, Félicien	France	120	72	1869–1876	7
7	Jeannel, René	France	109	99	1910–1967	6
8	Reitter, Edmund	Germany	87	100	1875–1926	24
9	Legalov, Andrei Aleksandrovich	Russia	73	100	2001–2009	9
10	Voss, Eduard	Germany	66	97	1922–1972	6
11	Burmeister, Hermann Carl Conrad	Germany	66	98	1840–1873	2
12	Casey, Thomas Lincoln	USA	64	100	1884–1922	14
13	Horn, George Henry	USA	63	100	1867–1893	20
14	Latreille, Pierre André	France	62	98	1802–1834	30
15	Rey, Claudius	France	57	53	1853–1886	12
16	Thomson, Carl Gustaf	Sweden	55	100	1857–1867	27
17	Blanchard, Charles Émile	France	55	71	1845–1853	20
18	Laporte, François Louis Nompard de Caumont (Comte Castelnau)	France	51	100	1834–1840	21

New nomenclatural acts

The following synonymies are recorded here for the first time: AGRONOMINA Gistel, 1848 syn. nov. of AMARINA Zimmermann, 1832 (CARABIDAE), HYLEPNIGALIOINI Gistel, 1856 syn. nov. of MELANDRYINI Leach, 1815 (MELANDRYIDAE), POLYCYSTOPHORIDAE Gistel, 1856 syn. nov. of MALACHIINAE Fleming, 1821 (MELYRIDAE), SCLERASTEINAE Gistel, 1856 syn. nov. of PTILININAE Shuckard, 1839 (PTINIDAE), PHLOEONOMINI Ádám, 2001 syn. nov. of OMALIINI MacLeay, 1825 (STAPHYLINIDAE), SEPEDOPHILINI Ádám, 2001 syn. nov. of TACHYPORINI MacLeay, 1825 (STAPHYLINIDAE), PHIBALINI Gistel, 1856 syn. nov. of CTENIOPODINI Solier, 1835 (TENEBRIONIDAE); *Agronoma* Gistel 1848 (type species *Carabus familiaris* Duftschmid, 1812, designated herein) syn. nov. of *Amara* Bonelli, 1810 (CARABIDAE), *Hylepnigalio* Gistel, 1856 (type species *Chrysomela caraboides* Linnaeus, 1760, by monotypy) syn. nov. of *Melandrya* Fabricius, 1801 (MELANDRYIDAE), *Polycystophorus* Gistel, 1856 (type species *Cantharis aeneus* Linnaeus, 1758, designated herein) syn. nov. of *Malachius* Fabricius, 1775 (MELYRIDAE), *Sclerastes* Gistel, 1856 (type species *Ptilinus costatus* Gyllenhal, 1827, designated herein) syn. nov. of *Ptilinus* Geoffroy, 1762 (PTINIDAE), *Paniscus* Gistel, 1848 (type species *Scarabaeus fasciatus* Linnaeus, 1758, designated herein) syn. nov. of *Trichius* Fabricius, 1775 (SCARABAEIDAE), *Phibalus* Gistel, 1856 (type species *Chrysomela pubescens* Linnaeus, 1758, by monotypy) syn. nov. of *Omophlus* Dejean, 1834 (TENEBRIONIDAE). The following replacement name is used here for the first time: GOMPELIINA Bouchard, 2011 nom. nov. for OLOTELINA Báguena Corella, 1948 (ADERIDAE).

Reversal of Precedence (Article 23.9) is used to conserve usage of the following names (family-group names followed by genus-group names): PERIGONINI Horn, 1881 nom. protectum over TRECHICINI Bates, 1873 nom. oblitum (CARABIDAE), ANISODACTYLINA Lacordaire, 1854 nom. protectum over EURYTRICHINA LeConte, 1848 nom. oblitum (CARABIDAE), SMICRONYCHINI Seidlitz, 1891 nom. protectum over DESMORINI LeConte, 1876 nom. oblitum (CURCULIONIDAE), BAGOINAE Thomson, 1859 nom. protectum over LYPRINAE Gistel 1848 nom. oblitum (CURCULIONIDAE), ATERPINA Lacordaire, 1863 nom. protectum over HELIOMENINA Gistel, 1848 nom. oblitum (CURCULIONIDAE), NAUPACTINI Gistel, 1848 nom. protectum over IPHINI Schönherr, 1823 nom. oblitum (CURCULIONIDAE), CLEONINI Schönherr, 1826 nom. protectum over GEOMORINI Schönherr, 1823 nom. oblitum (CURCULIONIDAE), MAGDALIDINI Pascoe, 1870 nom. protectum over SCARDAMYCTINI Gistel, 1848 nom. oblitum (CURCULIONIDAE), AGRYPNINAE/-INI Candèze, 1857 nom. protecta over ADELOCERINAE/-INI Gistel, 1848 nom. oblita and PANGAURINAE/-INI Gistel, 1856 nom. oblita (ELATERIDAE), PROSTERNINI Gistel, 1856 nom. protectum over DIACANTHINI Gistel, 1848 nom. oblitum (ELATERIDAE), CALOPODINAE Costa, 1852 nom. protectum over SPAREDRINAE Gistel, 1848 nom. oblitum (OEDEMERIDAE), ADESMIINI Lacordaire, 1859 nom. protectum over MACROPODINI Agassiz, 1846 nom. oblitum (TENEBRIONIDAE), BOLITOPHAGINI Kirby, 1837 nom. protectum over ELEDONINI Billberg, 1820 nom. oblitum (TENEBRIONIDAE), THROSCIDAE Laporte, 1840 nom. protectum over STEREOLOIDAE Rafinesque, 1815 nom. oblitum (THROSCIDAE) and LOPHO-

CATERINI Crowson, 1964 over LYCOPTINI Casey, 1890 nom. oblitum (TROGOSSITIDAE); *Monotoma* Herbst, 1799 nom. protectum over *Monotoma* Panzer, 1792 nom. oblitum (MONOTOMIDAE); *Pediacus* Shuckard, 1839 nom. protectum over *Biophloeus* Dejean, 1835 nom. oblitum (CUCUJIDAE), *Pachypus* Dejean, 1821 nom. protectum over *Pachypus* Billberg, 1820 nom. oblitum (SCARABAEIDAE), *Sparrmannia* Laporte, 1840 nom. protectum over *Leocaeta* Dejean, 1833 nom. oblitum and *Cephalotrichia* Hope, 1837 nom. oblitum (SCARABAEIDAE).

Synoptic classification of the world Coleoptera

Order COLEOPTERA

†Suborder PROTOCOLEOPTERA

†Superfamily TSHEKARDOCOLEOIDEA Rohdendorf, 1944

†Family TSHEKARDOCOLEIDAE Rohdendorf, 1944

†Family LABRADOROCOLEIDAE Ponomarenko, 1969

†Family OBOROCOLEIDAE Kukalová, 1969

†Superfamily PERMOCUPEDOIDEA Martynov, 1933

†Family PERMOCUPEDIDAE Martynov, 1933

†Family TALDYCUPEDIDAE Rohdendorf, 1961

†Superfamily PERMOSYNOIDEA Tillyard, 1924

†Family ADEMOSYNIDAE Ponomarenko, 1968

†Family PERMOSYNIDAE Tillyard, 1924

Suborder ARCHOSTEMATA

Family CROWSONIELLIDAE Iablokoff-Khnzorian, 1983

Family CUPEDIDAE Laporte, 1836

Subfamily PRIACMINAE Crowson, 1962

†Subfamily MESOCUPEDINAE Ponomarenko, 1969

Subfamily CUPEDINAE Laporte, 1836

Family MICROMALTHIDAE Barber, 1913

Family OMMATIDAE Sharp and Muir, 1912

†Subfamily BROCHOCOLEINAE Hong, 1982

Subfamily TETRAPHALERINAE Crowson, 1962

Subfamily OMMATINAE Sharp and Muir, 1912

†Tribe LITHOCUPEDINI Ponomarenko, 1969

†Tribe NOTOCUPEDINI Ponomarenko, 1966

Tribe OMMATINI Sharp and Muir, 1912

Family JURODIDAE Ponomarenko, 1985

†**Family TRIADOCUPEDIDAE Ponomarenko, 1966**

†**Family MAGNOCOLEIDAE Hong, 1998**

†**Family OBRIENIIDAE Zherikhin and Gratshev, 1994**

†**Subfamily KARARHYNCHINAE Zherikhin and Gratshev, 1994**

†Tribe KARARHYNCHINI Zherikhin and Gratshev, 1994

†Tribe KENDERLYKAINI Legalov, 2009

†**Subfamily OBRIENIINAE Zherikhin and Gratshev, 1994**

Suborder MYXOPHAGA

†**Superfamily ASIOCOLEOIDEA Rohdendorf, 1961**

†**Family ASIOCOLEIDAE Rohdendorf, 1961**

†**Family TRICOLEIDAE Ponomarenko, 1969**

†**Superfamily RHOMBOCOLEOIDEA Rohdendorf, 1961**

†**Family RHOMBOCOLEIDAE Rohdendorf, 1961**

†**Superfamily SCHIZOPHOROIDEA Ponomarenko, 1968**

†**Family SCHIZOPHORIDAE Ponomarenko, 1968**

†**Family CATINIIDAE Ponomarenko, 1968**

†**Family SCHIZOCOLEIDAE Rohdendorf, 1961**

Superfamily LEPICEROIDEA Hinton, 1936 (1882)

Family LEPICERIDAE Hinton, 1936 (1882)

Superfamily SPHAERIUSOIDEA Erichson, 1845

Family TORRIDINCOLIDAE Steffan, 1964

Subfamily TORRIDINCOLINAE Steffan, 1964

Subfamily DELEVEINAE Endrödy-Younga, 1997

Family HYDROSCAPHIDAE LeConte, 1874

Family SPHAERIUSIDAE Erichson, 1845

Suborder ADEPHAGA

†**Family TRITARSIDAE Hong, 2002**

Family GYRINIDAE Latreille, 1810

Subfamily SPANGLEROGYRINAE Folkerts, 1979

Subfamily GYRININAE Latreille, 1810

Tribe ENHYDRINI Régimbart, 1882

Subtribe DINEUTINA Desmarest, 1851

Subtribe ENHYDRINA Régimbart, 1882

Tribe GYRININI Latreille, 1810

Subtribe GYRININA Latreille, 1810

Subtribe HETEROGYRINA Brinck, 1956

Tribe ORECTOCHILINI Régimbart, 1882

Family TRACHYPACHIDAE Thomson, 1857

†Subfamily EODROMEINAE Ponomarenko, 1977

Subfamily TRACHYPACHINAE Thomson, 1857

Family RHYSODIDAE Laporte, 1840

Tribe LEOGLYMMIINI Bell and Bell, 1978

Tribe DHYSORINI Bell and Bell, 1978

Tribe MEDISORINI Bell and Bell, 1987

Tribe RHYSODINI Laporte, 1840

Tribe CLINIDIINI Bell and Bell, 1978

Tribe OMOGLYMMIINI Bell and Bell, 1978

Tribe SLOANOGLYMMIINI Bell and Bell, 1991

Family CARABIDAE Latreille, 1802

†Subfamily PROTORABINAE Ponomarenko, 1977

†Subfamily CONJUNCTIINAE Ponomarenko, 1977

Subfamily NEBRIINAE Laporte, 1834

Tribe NEBRIINI Laporte, 1834

Tribe NOTIOKASIINI Kavanaugh and Nègre, 1983

Tribe NOTIOPHILINI Motschulsky, 1850

Tribe OPISTHIINI Dupuis, 1912

Tribe PELOPHILINI Kavanaugh, 1996

Subfamily CICINDINAE Csiki, 1927

Subfamily CICINDELINAE Latreille, 1802

Tribe AMBLYCHEILINI Csiki, 1903

Tribe CICINDELINI Latreille, 1802

Subtribe APTEROESSINA Rivalier, 1971

Subtribe CICINDELINA Latreille, 1802

Subtribe DROMICINA Thomson, 1859

Subtribe IRESIINA Rivalier, 1971

Subtribe THERATINA Horn, 1893

Tribe COLLYRIDINI Brullé, 1834

Subtribe COLLYRIDINA Brullé, 1834

Subtribe TRICONDYLINA Naviaux, 1991

Tribe CTENOSTOMATINI Laporte, 1834

Tribe MANTICORINI Laporte, 1834

Tribe MEGACEPHALINI Laporte, 1834

Subfamily CARABINAE Latreille, 1802

Tribe CARABINI Latreille, 1802

Tribe CEROGLOSSINI Lapouge, 1927

Tribe CYCHRINI Perty, 1830

Tribe PAMBORINI Hope, 1838

Subfamily LORICERINAE Bonelli, 1810

Subfamily OMOPHRONINAE Bonelli, 1810

Subfamily ELAPHRINAE Latreille, 1802

Subfamily MIGADOPINAE Chaudoir, 1861

Tribe AMAROTYPINI Erwin, 1985

Tribe MIGADOPINI Chaudoir, 1861

Subtribe AQUILICINA Moret, 2005

Subtribe MIGADOPINA Chaudoir, 1861

Subfamily HILETINAE Schiødte, 1848

Subfamily SCARITINAE Bonelli, 1810

Tribe CARENINI MacLeay, 1887

Tribe CLIVININI Rafinesque, 1815

Subtribe ARDISTOMINA Putzeys, 1867

Subtribe CLIVININA Rafinesque, 1815

Subtribe FORCIPATORINA Bänninger, 1938

Tribe DALYATINI Mateu, 2002

Tribe DYSCHIRIINI Kolbe, 1880

†Tribe PALAEOAXINIDIINI McKay, 1991

Tribe PASIMACHINI Putzeys, 1867

Tribe PROMECOGNATHINI LeConte, 1853

Tribe SALCEDIINI Alluaud, 1930 (1929)

Subtribe ANDROZELMINA Bell, 1998

Subtribe SALCEDIINA Alluaud, 1930 (1929)

Subtribe SOLENOGENYINA Bell, 1998

Tribe SCARITINI Bonelli, 1810

Subtribe ACANTHOSCELINA Csiki, 1927

Subtribe CORINTASCARINA Basilewsky, 1973

Subtribe DYSCHERINA Basilewsky, 1973

Subtribe OCHYROPINA Basilewsky, 1973

Subtribe OXYLOBINA Andrewes, 1929

Subtribe SCAPTERINA Putzeys, 1867

Subtribe SCARITINA Bonelli, 1810

Subtribe STORTHODONTINA Jeannel, 1946

Subfamily BROSCINAE Hope, 1838

Tribe BROSCINI Hope, 1838

Subtribe AXONYINA Roig-Juñent, 2000

Subtribe BARIPODINA Jeannel, 1941

Subtribe BROSCINA Hope, 1838

Subtribe CREOBIINA Jeannel, 1941

Subtribe NOTHOBROSCINA Roig-Juñent, 2000

Subfamily APOTOMINAE LeConte, 1853

Subfamily SIAGONINAE Bonelli, 1813

Tribe ENCELADINI Horn, 1881

Tribe LUPERCINI Lecordier, 1977

Tribe SIAGONINI Bonelli, 1813

Subfamily MELAENINAE Csiki, 1933

Subfamily GEHRINGIINAE Darlington, 1933

Tribe GEHRINGIINI Darlington, 1933

Subtribe GEHRINGIINA Darlington, 1933

Subtribe HELENAEINA Deuve, 2007

Subfamily TRECHINAE Bonelli, 1810

Tribe BEMBIDIINI Stephens, 1827

Subtribe ANILLINA Jeannel, 1937

Subtribe BEMBIDIINA Stephens, 1827

Subtribe TACHYINA Motschulsky, 1862

Subtribe XYSTOSOMINA Erwin, 1994

Tribe HOROLOGIONINI Jeannel, 1949

Tribe POGONINI Laporte, 1834

Tribe TRECHINI Bonelli, 1810

Subtribe AEPINA Fowler, 1887

Subtribe CNIDINA Jeannel, 1958

Subtribe PERILEPTINA Sloane, 1903

Subtribe PLOCAMOTRECHINA Jeannel, 1960

Subtribe TRECHINA Bonelli, 1810

Subtribe TRECHODINA Jeannel, 1926

Tribe ZOLINI Sharp, 1886

Subtribe CHALTENIINA Roig-Juñent and Cicchino, 2001

Subtribe SINOZOLINA Deuve, 1997

Subtribe ZOLINA Sharp, 1886

Subfamily PATROBINAE Kirby, 1837

Tribe LISSOPOGONINI Zamotajlov, 2000

Tribe PATROBINI Kirby, 1837

Subtribe DELTOMERINA Chaudoir, 1871

Subtribe DELTOMERODINA Zamotajlov, 2002

Subtribe PATROBINA Kirby, 1837

Subtribe PLATIDIOLINA Zamotajlov and Lafer, 2001

Subfamily PSYDRINAE LeConte, 1853

Tribe AMBLYTELINI Blackburn, 1892

Tribe MECYCLOTHORACINI Jeannel, 1940

Tribe MEONINI Sloane, 1898

Tribe MORIOMORPHINI Sloane, 1890

Tribe PSYDRINI LeConte, 1853

Tribe TROPOPTERINI Sloane, 1898

Subfamily NOTOTYLINAE Bänninger, 1927

Subfamily PAUSSINAE Latreille, 1806

- Tribe METRIINI LeConte, 1853
- Tribe MYSTROPOMINI Horn, 1881
- Tribe OZAENINI Hope, 1838
- Tribe PAUSSINI Latreille, 1806
 - †Subtribe ARTHROPTERITINA Luna de Carvalho, 1961
 - Subtribe CARABIDOMEMNINA Wasmann, 1928
 - Subtribe CERAPTERINA Billberg, 1820
 - †Subtribe EOPAUSSINA Luna de Carvalho, 1951
 - Subtribe HETEROPAUSSINA Janssens, 1950
 - Subtribe HOMOPTERINA Wasmann, 1920
 - Subtribe PAUSSINA Latreille, 1806
 - Subtribe PENTAPLATARTHURA Jeannel, 1946
- Tribe PROTOPAUSSINI Gestro, 1892

Subfamily BRACHININAE Bonelli, 1810

- Tribe BRACHININI Bonelli, 1810
 - Subtribe APTININA Gistel, 1848
 - Subtribe BRACHININA Bonelli, 1810
 - Subtribe MASTACINA Erwin, 1970
 - Subtribe PHEROPSOPHINA Jeannel, 1949
- Tribe CREPIDOGASTRINI Jeannel, 1949

Subfamily HARPALINAE Bonelli, 1810

- Tribe ABACETINI Chaudoir, 1873
- Tribe AMORPHOMERINI Sloane, 1923
- Tribe ANTHIINI Bonelli, 1813
- Tribe ATRANINI Horn, 1881
- Tribe BASCANINI Basilewsky, 1953
- Tribe CALOPHAENINI Jeannel, 1948
- Tribe CATAPIESEINI Bates, 1882
- Tribe CHAETODACTYLINI Tschitschérine, 1903
- Tribe CHAETOGENYINI Emden, 1958
- Tribe CHLAENIINI Brullé, 1834
 - Subtribe CALLISTINA Laporte, 1834
 - Subtribe CHLAENIINA Brullé, 1834
- Tribe CNEMALOBINI Germain, 1911
- Tribe CRATOCERINI Lacordaire, 1854
- Tribe CTENODACTYLINI Laporte, 1834
- Tribe CUNEIPECTINI Sloane, 1907
- Tribe CYCLOSOMINI Laporte, 1834
 - Subtribe CYCLOSOMINA Laporte, 1834
 - Subtribe MASOREINA Chaudoir, 1871
- Tribe DERCYLINI Sloane, 1923
- Tribe DRIMOSTOMATINI Chaudoir, 1872
- Tribe DRYPTINI Bonelli, 1810

- Tribe ENOICINI Basilewsky, 1985
- Tribe GALERITINI Kirby, 1825
 - Subtribe GALERITINA Kirby, 1825
 - Subtribe PLANETINA Jedlička, 1941
- Tribe GEOBAENINI Péringuey, 1896
- Tribe GINEMINI Ball and Shpeley, 2002
- Tribe GLYPTINI Horn, 1881
- Tribe GRAPHIPTERINI Latreille, 1802
- Tribe HARPALINI Bonelli, 1810
 - Subtribe ANISODACTYLINA Lacordaire, 1854 *nomen protectum*
 - Subtribe HARPALINA Bonelli, 1810
 - Subtribe PELMATELLINA Bates, 1882
 - Subtribe STENOLOPHINA Kirby, 1837
- Tribe HELLUONINI Hope, 1838
 - Subtribe HELLUONINA Hope, 1838
 - Subtribe OMPHRINA Jedlička, 1941
- Tribe HEXAGONIINI Horn, 1881 (1834)
- Tribe IDIOMORPHINI Bates, 1891
- Tribe LACHNOPHORINI LeConte, 1853
 - Subtribe LACHNOPHORINA LeConte, 1853
 - Subtribe SELININA Jeannel, 1948
- Tribe LEBIINI Bonelli, 1810
 - Subtribe ACTENONYCINA Bates, 1871
 - Subtribe AGRINA Kirby, 1837
 - Subtribe APENINA Ball, 1983
 - Subtribe CALLEIDINA Chaudoir, 1873
 - Subtribe CELAENEPHINA Habu, 1982
 - Subtribe CYMINDIDINA Laporte, 1834
 - Subtribe DEMETRIADINA Bates, 1886
 - Subtribe DROMIUSINA Bonelli, 1810
 - Subtribe GALLERUCIDIINA Chaudoir, 1872
 - Subtribe LEBIINA Bonelli, 1810
 - Subtribe METALLICINA Basilewsky, 1984
 - Subtribe NEMOTARSINA Bates, 1883
 - Subtribe PERICALINA Hope, 1838
 - Subtribe PSEUDOTRECHINA Basilewsky, 1984
 - Subtribe SUGIMOTOINA Habu, 1975
 - Subtribe TRICHINA Basilewsky, 1984
- Tribe LICININI Bonelli, 1810
 - Subtribe DICAELINA Laporte, 1834
 - Subtribe DICROCHILINA Ball, 1992
 - Subtribe LESTIGNATHINA Ball, 1992
 - Subtribe LICININA Bonelli, 1810

- Tribe MELANCHITONINI Jeannel, 1948
- Tribe MICROCHEILINI Jeannel, 1948
- Tribe MORIONINI Brullé, 1835
- Tribe ODACANTHINI Laporte, 1834
- Tribe OMPHREINI Ganglbauer, 1891
- Tribe OODINI LaFerté-Sénéctère, 1851
- Tribe ORTHOGONIINI Schaum, 1857
- Tribe PANAGAEINI Bonelli, 1810
 - Subtribe BRACHYGNATHINA Basilewsky, 1946
 - Subtribe PANAGAEINA Bonelli, 1810
 - Subtribe TEFFLINA Basilewsky, 1946
- Tribe PELECIINI Chaudoir, 1880
 - Subtribe AGONICINA Sloane, 1920
 - Subtribe PELECIINA Chaudoir, 1880
- Tribe PENTAGONICINI Bates, 1873
- Tribe PERIGONINI Horn, 1881 *nomen protectum*
- Tribe PHYSOCROTAPHINI Chaudoir, 1863
- Tribe PLATYNINI Bonelli, 1810
- Tribe PSEUDOMORPHINI Hope, 1838
- Tribe PTEROSTICHINI Bonelli, 1810
 - Subtribe ABACOMORPHINA Tschitschérine, 1902
 - Subtribe EUCHROINA Chaudoir, 1874
 - Subtribe METIINA Straneo, 1951
 - Subtribe MICROCEPHALINA Tschitschérine, 1898
 - Subtribe PTEROSTICHINA Bonelli, 1810
- Tribe SPHODRINI Laporte, 1834
 - Subtribe ATRANOPSINA Baehr, 1982
 - Subtribe CALATHINA Laporte, 1834
 - Subtribe DOLICHINA Brullé, 1834
 - Subtribe PRISTOSIINA Lindroth, 1956
 - Subtribe SPHODRINA Laporte, 1834
 - Subtribe SYNUCHINA Lindroth, 1956
- Tribe XENAROSWELLIANINI Erwin, 2007
- Tribe ZABRINI Bonelli, 1810
 - Subtribe AMARINA Zimmermann, 1832
 - Subtribe ZABRINA Bonelli, 1810
- Tribe ZUPHIINI Bonelli, 1810
 - Subtribe DICRODONTINA Machado, 1992
 - Subtribe LELEUPIDIINA Basilewsky, 1951
 - Subtribe METAZUPHIINA Mateu, 1992
 - Subtribe MISCHOCEPHALINA Mateu, 1992
 - Subtribe PATRIZIINA Basilewsky, 1953
 - Subtribe ZUPHIINA Bonelli, 1810

Family HALIPLIDAE Aubé, 1836**†Family TRIAPLIDAE Ponomarenko, 1977****†Family COLYBOTETHIDAE Ponomarenko, 1994****†Family PARAHYGROBIIDAE Ponomarenko, 1977****†Family COPTOCLAVIDAE Ponomarenko, 1961****†Subfamily NECRONECTINAE Ponomarenko, 1977****†Subfamily CHARONOSCAPHINAE Ponomarenko, 1977****†Subfamily COPTOCLAVINAE Ponomarenko, 1961****†Subfamily COPTOCLAVISCINAE Soriano, Ponomarenko and Delclos, 2007****†Subfamily HISPANOCLAVINAE Soriano, Ponomarenko and Delclos, 2007****†Family LIADYTIDAE Ponomarenko, 1977****Family MERUIDAE Spangler and Steiner, 2005****Family NOTERIDAE Thomson, 1860****Subfamily NOTERINAE Thomson, 1860**

Tribe NEOHYDROCOPTINI Zalat, Saleh, Angus and Kaschef, 2000

Tribe NOTERINI Thomson, 1860

Tribe PRONOTERINI Nilsson, 2005

Tribe TONERINI Miller, 2009

Subfamily NOTOMICRINAE Zimmermann, 1919**Subfamily PHREATODYTINAE Uéno, 1957****Family AMPHIZOIDAE LeConte, 1853****Family ASPIDYTIDAE Ribera, Beutel, Balke and Vogler, 2002****Family HYGROBIIDAE Régimbart, 1879 (1837)****Family DYTISCIDAE Leach, 1815****Subfamily AGABINAE Thomson, 1867****Subfamily COLYMBETINAE Erichson, 1837**

Tribe ANISOMERIINI Brinck, 1948

Tribe CARABDYTINI Pederzani, 1995

Tribe COLYMBETINI Erichson, 1837

Subfamily COPELATINAE Branden, 1885**Subfamily COPTOTOMINAE Branden, 1885****Subfamily DYTISCINAE Leach, 1815**

Tribe ACILIINI Thomson, 1867

Tribe AUBEHYDRINI Guignot, 1942

Tribe CYBISTERINI Sharp, 1880

Tribe DYTISCINI Leach, 1815

Tribe ERETINI Crotch, 1873

Tribe HYDATICINI Sharp, 1880

Tribe HYDERODINI Miller, 2000

Subfamily HYDRODYTINAE Miller, 2001**Subfamily HYDROPORINAE Aubé, 1836**

Tribe BIDESSINI Sharp, 1880

Tribe CARABHYDRINI Watts, 1978

- Tribe HYDROPORINI Aubé, 1836
- Tribe HYDROVATINI Sharp, 1880
- Tribe HYGROTINI Portevin, 1929
- Tribe HYPHYDRINI Gistel, 1848
- Tribe LACCORNINI Wolfe and Roughley, 1990
- Tribe METHLINI Branden, 1885
- †Tribe SCHISTOMERINI Palmer, 1957
- Tribe VATELLINI Sharp, 1880

Subfamily LACCOPHILINAE Gistel, 1848

- Tribe AGABETINI Branden, 1885
- Tribe LACCOPHILINI Gistel, 1848

Subfamily LANCETINAE Branden, 1885

Subfamily MATINAE Branden, 1885

†Subfamily PALAEOGYRININAE Schlechtendal, 1894

†Subfamily LIADYTISCINAE Prokin and Ren, 2010

Suborder POLYPHAGA

Series STAPHYLINIFORMIA

Superfamily HYDROPHILOIDEA Latreille, 1802

Family HYDROPHILIDAE Latreille, 1802

Subfamily HELOPHORINAE Leach, 1815

Subfamily EPIMETOPINAE Zaitzev, 1908

Subfamily GEORISSINAE Laporte, 1840

Subfamily HYDROCHINAE Thomson, 1859

Subfamily SPERCHEINAE Erichson, 1837

Subfamily HORELOPHINAE Hansen, 1991

Subfamily HORELOPHOPSINAE Hansen, 1997

Subfamily HYDROPHILINAE Latreille, 1802

- Tribe ANACAENINI Hansen, 1991
- Tribe BEROSINI Mulsant, 1844
- Tribe CHAETARTHRIINI Bedel, 1881
- Tribe HYDROPHILINI Latreille, 1802
 - Subtribe ACIDOCERINA Zaitzev, 1908
 - Subtribe GLOBULOSEINA García, 2001
 - Subtribe HYDROBIUSINA Mulsant, 1844
 - Subtribe HYDROPHILINA Latreille, 1802

Tribe LACCOBIINI Houlbert, 1922

Tribe SPERCHOPSINI Hansen, 1991

Subfamily SPHAERIDIINAE Latreille, 1802

- Tribe ANDOTYPINI Hansen, 1991
- Tribe BORBOROPHORINI Hansen, 1991

Tribe COELOSTOMATINI Heyden, 1891 (1890)

Tribe MEGASTERNINI Mulsant, 1844

Tribe OMICRINI Smetana, 1975

Tribe PROTOSTERNINI Hansen, 1991

Tribe RYGMODINI Orchymont, 1916

Tribe SPHAERIDIINI Latreille, 1802

Tribe TORMISSINI Hansen, 1991

Family SPHAERITIDAE Shuckard, 1839

Family SYNTELIIDAE Lewis, 1882

Family HISTERIDAE Gyllenhal, 1808

Subfamily NIPONIINAE Fowler, 1912

Subfamily ABRAEINAE MacLeay, 1819

Tribe ABRAEINI MacLeay, 1819

Tribe ACRTINI Wenzel, 1944

Tribe ACRTOMORPHINI Wenzel, 1944

Tribe PLEGADERINI Portevin, 1929

Tribe TERETRIINI Bickhardt, 1914

Subfamily TRYPETICINAE Bickhardt, 1913

Subfamily TRYPANAEINAE Marseul, 1857

Subfamily SAPRININAE Blanchard, 1845

Subfamily DENDROPHILINAE Reitter, 1909

Tribe ANAPLEINI Olexa, 1982

Tribe BACANIINI Kryzhanovskij, 1976

Tribe DENDROPHILINI Reitter, 1909

Tribe PAROMALINI Reitter, 1909

Subfamily ONTHOPHILINAE MacLeay, 1819

Subfamily TRIBALINAE Bickhardt, 1914

Subfamily HISTERINAE Gyllenhal, 1808

Tribe EXOSTERNINI Bickhardt, 1914

Tribe HISTERINI Gyllenhal, 1808

Tribe HOLOLEPTINI Hope, 1840

Tribe OMALODINI Kryzhanovskij, 1972

Tribe PLATYSOMATINI Bickhardt, 1914

Subfamily HAETERIINAE Marseul, 1857

Tribe HAETERIINI Marseul, 1857

Tribe NYMPHISTRINI Tishechkin, 2007

Tribe SYNODITULINI Tishechkin, 2007

Subfamily CHLAMYDOPSINAE Bickhardt, 1914

Superfamily STAPHYLINOIDEA Latreille, 1802

Family HYDRAENIDAE Mulsant, 1844

Subfamily ORCHYMONTIINAE Perkins, 1997

Subfamily PROSTHETOPINAE Perkins, 1994

Tribe COELOMETOPONINI Perkins, 2005

Tribe NUCLEOTOPINI Perkins, 1994

Tribe PARASTHETOPINI Perkins, 1994

Tribe PROSTHETOPINI Perkins, 1994

Tribe PROTOSTHETOPINI Perkins, 1994

Tribe PTEROSTHETOPINI Perkins, 1994

Subfamily HYDRAENINAE Mulsant, 1844

Tribe HYDRAENIDINI Perkins, 1980

Tribe HYDRAENINI Mulsant, 1844

Tribe LIMNEBIINI Mulsant, 1844

Tribe MADAGASTRINI Perkins, 1997

Tribe PARHYDRAENINI Perkins, 1997

Subfamily OCHTHEBIINAE Thomson, 1859

Tribe OCHTHEBIINI Thomson, 1859

Subtribe ENICOCERINA Perkins, 1997

Subtribe MEROPATHINA Perkins, 1997

Subtribe NEOCHTHEBIINA Perkins, 1997

Subtribe OCHTHEBIINA Thomson, 1859

Subtribe PROTOCHTHEBIINA Perkins, 1997

Tribe OCHTHEOSINI Perkins, 1997

Family PTILIIDAE Erichson, 1845

Subfamily PTILIINAE Erichson, 1845

Tribe DISCHERAMOCEPHALINI Grebennikov, 2009

Tribe NANOSELLINI Barber, 1924

Tribe PTENIDIINI Flach, 1889

Tribe PTILIINI Erichson, 1845

Tribe PTINELLINI Reitter, 1906 (1891)

Subfamily CEPHALOPLECTINAE Sharp, 1883

Subfamily ACROTRICHINAE Reitter, 1909 (1856)

Family AGYRTIDAE Thomson, 1859

Subfamily AGYRTINAE Thomson, 1859

Subfamily NECROPHILINAE Newton, 1997

Subfamily PTEROLOMATINAE Thomson, 1862

Family LEIODIDAE Fleming, 1821

Subfamily CAMIARINAE Jeannel, 1911

Tribe AGYRTODINI Jeannel, 1936

Tribe CAMIARINI Jeannel, 1911

Tribe NEOPELATOPINI Jeannel, 1962

Subfamily CATOPOCERINAE Hatch, 1927 (1880)

Tribe CATOPOCERINI Hatch, 1927 (1880)

Tribe GLACICAVICOLINI Westcott, 1968

Subfamily LEIODINAE Fleming, 1821

Tribe AGATHIDIINI Westwood, 1838

Tribe ESTADIINI Portevin, 1914

Tribe LEIODINI Fleming, 1821

Tribe PSEUDOLIODINI Portevin, 1926

Tribe SCOTOCRYPTINI Reitter, 1884

Tribe SOGDINI Lopatin, 1961

Subfamily COLONINAE Horn, 1880 (1859)

Subfamily CHOLEVINAE Kirby, 1837

Tribe ANEMADINI Hatch, 1928

Subtribe ANEMADINA Hatch, 1928

Subtribe EOCATOPINA Jeannel, 1936

Subtribe EUNEMADINA Newton, 1998

Subtribe NEMADINA Jeannel, 1936

Subtribe PARACATOPINA Jeannel, 1936

Tribe CHOLEVINI Kirby, 1837

Subtribe CATOPINA Chaudoir, 1845

Subtribe CHOLEVINA Kirby, 1837

Tribe EUCATOPINI Jeannel, 1921

Tribe LEPTODIRINI Lacordaire, 1854 (1849)

Subtribe ANTHROHERPONINA Jeannel, 1910

Subtribe BATHYSCIINA Horn, 1880

Subtribe BATHYSCIOTINA Guéorguiev, 1974

Subtribe LEPTODIRINA Lacordaire, 1854 (1849)

Subtribe PHOLEUINA Reitter, 1886

Subtribe PLATYCHOLEINA Horn, 1880

Subtribe SPELAEOBATINA Guéorguiev, 1974

Tribe ORITOCATOPINI Jeannel, 1936

Tribe PTOMAPHAGINI Jeannel, 1911

Subtribe BARYODIRINA Perreau, 2000

Subtribe PTOMAPHAGINA Jeannel, 1911

Subtribe PTOMAPHAGININA Szymczakowski, 1964

Tribe SCIAPHYINI Perreau, 2000

Subfamily PLATYPSYLLINAE Ritsema, 1869

Family SILPHIDAE Latreille, 1806

Subfamily SILPHINAE Latreille, 1806

Subfamily Nicrophorinae Kirby, 1837

Family STAPHYLINIDAE Latreille, 1802

Subfamily GLYPHOLOMATINAE Jeannel, 1962

Subfamily MICROSILPHINAE Crowson, 1950

Subfamily OMALIINAE MacLeay, 1825

Tribe ANTHOPHAGINI Thomson, 1859

Tribe APHAENOSTEMMINI Peyerimhoff, 1914

Tribe CORNEOLABIINI Steel, 1950

Tribe CORYPHIINI Jakobson, 1908

- Subtribe BOREAPHILINA Zerche, 1990
- Subtribe CORYPHIINA Jakobson, 1908
- Tribe EUSPHALERINI Hatch, 1957
- Tribe HADROGNATHINI Portevin, 1929
- Tribe OMALIINI MacLeay, 1825
- Subfamily EMPELINAЕ Newton and Thayer, 1992**
- Subfamily PROTEININAE Erichson, 1839**
 - Tribe ANEPIINI Steel, 1966
 - Tribe AUSTORHYSINI Newton and Thayer, 1995
 - Tribe NESONEINI Steel, 1966
 - Tribe PROTEININI Erichson, 1839
 - Tribe SILPHOTELINI Newton and Thayer, 1995
- Subfamily MICROPELINAE Leach, 1815**
- Subfamily NEOPHONINAE Fauvel, 1905**
- Subfamily DASYCERINAE Reitter, 1887**
- Subfamily PROTOPSELAPHINAE Newton and Thayer, 1995**
- Subfamily PSELAPHINAE Latreille, 1802**
 - Supertribe BATRISITAE Reitter, 1882**
 - Tribe AMAUROPINI Jeannel, 1948
 - Tribe BATRISINI Reitter, 1882
 - Subtribe AMBICOCERINA Leleup, 1970
 - Subtribe BATRISINA Reitter, 1882
 - Subtribe LEUPELIINA Jeannel, 1954
 - Subtribe STILIPALPINA Jeannel, 1954
 - Tribe THAUMASTOCEPHALINI Poggi, Nonveiller, Colla, Pavićević and Rada, 2001
- Supertribe CLAVIGERITAE Leach, 1815**
 - Tribe CLAVIGERINI Leach, 1815
 - Subtribe APODERIGERINA Jeannel, 1954
 - Subtribe CLAVIGERINA Leach, 1815
 - Subtribe CLAVIGERODINA Schaufuss, 1882
 - Subtribe DISARTHRICERINA Jeannel, 1949
 - Subtribe HOPLITOXENINA Célis, 1969
 - Subtribe LUNILLINA Célis, 1969
 - Subtribe MASTIGERINA Jeannel, 1954
 - Subtribe MIROCLAVIGERINA Jeannel, 1949
 - Subtribe NEOCERINA Jeannel, 1954
 - Subtribe RADAMINA Jeannel, 1954
 - Subtribe THYSDARIINA Jeannel, 1954
 - Tribe COLILODIONINI Besuchet, 1991
 - Tribe TIRACERINI Besuchet, 1986
- Supertribe EUPECTITAE Streubel, 1839**
 - Tribe BYTHINOPECTINI Schaufuss, 1890
 - Subtribe BYTHINOPECTINA Schaufuss, 1890

- Subtribe PYXIDICERINA Raffray, 1904
- Tribe DIMERINI Raffray, 1908
- Tribe EUPLECTINI Streubel, 1839
- Tribe JUBINI Raffray, 1904
- Tribe MAYETIINI Winkler, 1925
- Tribe METOPIASINI Raffray, 1904
 - Subtribe METOPIASINA Raffray, 1904
 - Subtribe RHINOSCEPSINA Bowman, 1934
- Tribe TRICHONYCHINI Reitter, 1882
 - Subtribe BIBLOPORINA Park, 1951
 - Subtribe PANAPHANTINA Jeannel, 1950
 - Subtribe TRICHONYCHINA Reitter, 1882
 - Subtribe TRIMIINA Bowman, 1934
- Tribe TROGASTRINI Jeannel, 1949
 - Subtribe PHTEGNOMINA Park, 1951
 - Subtribe RHEXIINA Park, 1951
 - Subtribe TROGASTRINA Jeannel, 1949
- Supertribe FARONITAE Reitter, 1882**
- Supertribe GONIACERITAE Reitter, 1882 (1872)**
 - Tribe ARNYLLIINI Jeannel, 1952
 - Tribe BARROSELLINI Leleup, 1973
 - Tribe BRACHYGLUTINI Raffray, 1904
 - Subtribe BARADINA Park, 1951
 - Subtribe BRACHYGLUTINA Raffray, 1904
 - Subtribe DECATHRINA Park, 1951
 - Subtribe EUPSENIINA Park, 1951
 - Tribe BYTHININI Raffray, 1890
 - Subtribe BYTHININA Raffray, 1890
 - Subtribe MACHAERITINA Jeannel, 1950
 - Subtribe XENOBYTHINA Jeannel, 1950
 - Tribe CYATHIGERINI Schaufuss, 1872
 - Tribe GONIACERINI Reitter, 1882 (1872)
 - Tribe IMIRINI Jeannel, 1949
 - Tribe INIOCYPHINI Park, 1951
 - Subtribe INIOCYPHINA Park, 1951
 - Subtribe NATYPLEURINA Newton and Thayer, 1992
 - Tribe MACHADOINI Jeannel, 1951
 - Tribe PROTERINI Jeannel, 1949
 - Tribe PYGOXYINI Reitter, 1909
 - Tribe SPELEOBAMINI Park, 1951
 - Tribe TYCHINI Raffray, 1904
 - Tribe VALDINI Park, 1953
- Supertribe PSELAPHITAE Latreille, 1802**

- Tribe ARHYTODINI Raffray, 1890
- Tribe ATTAPSENIINI Bruch, 1933
- Tribe CTENISTINI Blanchard, 1845
- Tribe HYBOCEPHALINI Raffray, 1890
- Tribe ODONTALGINI Jeannel, 1949
- Tribe PACHYGASTRODINI Leleup, 1969
- Tribe PHALEPSINI Jeannel, 1949
- Tribe PSELAPHINI Latreille, 1802
- Tribe SCHISTODACTYLINI Raffray, 1890
- Tribe TMESIPHORINI Jeannel, 1949
- Tribe TYRINI Reitter, 1882
 - Subtribe CENTROPHTHALMINA Jeannel, 1949
 - Subtribe JANUSCULINA Cerruti, 1970
 - Subtribe SOMATIPIONINA Jeannel, 1949
 - Subtribe TYRINA Reitter, 1882

Subfamily PHLOEOCHARINAE Erichson, 1839

Subfamily OLISTHAERINAE Thomson, 1858

Subfamily TACHYPORINAE MacLeay, 1825

- Tribe DEROPINI Smetana, 1983
- Tribe MEGARTHROPSINI Cameron, 1919
- Tribe MYCETOPORINI Thomson, 1859
- Tribe TACHYPORINI MacLeay, 1825
- Tribe VATESINI Seevers, 1958

Subfamily TRICHOPHYINAE Thomson, 1858

Subfamily HABROCERINAE Mulsant and Rey, 1876

Subfamily ALEOCHARINAE Fleming, 1821

- Tribe ACTOCHARINI Bernhauer and Schubert, 1911
- Tribe AENICTOTERATINI Kistner, 1993
- Tribe AKATASTOPSISINI Pace, 2000
- Tribe ALEOCHARINI Fleming, 1821
 - Subtribe ALEOCHARINA Fleming, 1821
 - Subtribe COMPACTOPEDIINA Kistner, 1970
 - Subtribe HODOXENINA Kistner, 1970
- Tribe ATHETINI Casey, 1910
 - Subtribe ATHETINA Casey, 1910
 - Subtribe COPTOTERMOCINI Kistner and Pasteels, 1970
 - Subtribe MICROCEROXENINA Kistner, 1970
 - Subtribe NASUTIPHILINA Kistner, 1970
 - Subtribe SCHISTOGENIINA Fenyès, 1918
 - Subtribe TAXICERINA Lohse, 1989
 - Subtribe TERMITOTELINA Kistner, 1970
 - Subtribe THAMIARAEINA Fenyès, 1921
- Tribe AUTALIINI Thomson, 1859

- Tribe CORDOBANINI Bernhauer, 1910
- Tribe COROTOCINI Fenyès, 1918
 - Subtribe ABROTELINA Seevers, 1957
 - Subtribe COROTOCINA Fenyès, 1918
 - Subtribe EBURNIOGASTRINA Jacobson, Kistner and Pasteels, 1986
 - Subtribe NASUTITELLINA Jacobson, Kistner and Pasteels, 1986
 - Subtribe SPHURIDAETHINA Pace, 1988
 - Subtribe TERMITOCHARINA Seevers, 1957
 - Subtribe TERMITOCUPIDINA Jacobson, Kistner and Pasteels, 1986
 - Subtribe TERMITOGASTRINA Bernhauer and Scheerpeltz, 1926
 - Subtribe TERMITOICEINA Jacobson, Kistner and Pasteels, 1986
 - Subtribe TERMITOPITHINA Jacobson, Kistner and Pasteels, 1986
 - Subtribe TERMITOPTOCHINA Fenyès, 1921
 - Subtribe TIMEPARTHENINA Fenyès, 1921
- Tribe CREMATOXENINI Mann, 1921
- Tribe CRYPTONOTOPSEINI Pace, 2003
- Tribe DEINOPSINI Sharp, 1883
- Tribe DIESTOTINI Mulsant and Rey, 1871
- Tribe DIGLOTTINI Jakobson, 1909
- Tribe DIGRAMMINI Fauvel, 1900
- Tribe DORYLOGASTRINI Wasmann, 1916
- Tribe DORYLOMIMINI Wasmann, 1916
- Tribe DREPANOXENINI Kistner and Watson, 1972
- Tribe ECITOCHARINI Seevers, 1965
- Tribe ECITOGASTRINI Fenyès, 1918
- Tribe EUSTENIAMORPHINI Bernhauer and Scheerpeltz, 1926
- Tribe FALAGRIINI Mulsant and Rey, 1873
- Tribe FELDINI Kistner, 1972
- Tribe GYMNUMSINI Heer, 1839
- Tribe HIMALUSINI Klimaszewski, Pace and Center, 2010
- Tribe HOMALOTINI Heer, 1839
 - Subtribe BOLITOCHARINA Thomson, 1859
 - Subtribe DINARDOPSINA Bernhauer and Scheerpeltz, 1926
 - Subtribe GYROPHAENINA Kraatz, 1856
 - Subtribe HOMALOTINA Heer, 1839
 - Subtribe SILUSINA Fenyès, 1918
- Tribe HOPLANDRIINI Casey, 1910
 - Subtribe HOPLANDRIINA Casey, 1910
 - Subtribe PLATANDRIINA Hanley, 2002
 - Subtribe PSEUDOPLANDRIINA Hanley, 2002
- Tribe HYGRONOMINI Thomson, 1859
 - Subtribe HYGRONOMINA Thomson, 1859
 - Subtribe SAPHOGLOSSINA Bernhauer and Scheerpeltz, 1926

- Tribe HYPOCYPHTINI Laporte, 1835
- Tribe LEUCOCRASPEDINI Fenyès, 1921
- Tribe LIPAROCEPHALINI Fenyès, 1918
- Tribe LOMECHUSINI Fleming, 1821
 - Subtribe AENICTOBIINA Kistner, 1997
 - Subtribe LOMECHUSINA Fleming, 1821
 - Subtribe MYRMEDONIINA Thomson, 1867
 - Subtribe TERMITOZYRINA Seevers, 1957
- Tribe MASURIINI Cameron, 1939
- Tribe MESOPORINI Cameron, 1959
- Tribe MIMANOMMATINI Wasmann, 1912
 - Subtribe DORYLOPHILINA Fenyès, 1921
 - Subtribe MIMANOMMATINA Wasmann, 1912
- Tribe MIMECITINI Wasmann, 1917
 - Subtribe LABIDOPULLINA Jacobson and Kistner, 1991
 - Subtribe LEPTANILLOPHILINA Fenyès, 1918
 - Subtribe MIMECITINA Wasmann, 1917
 - Subtribe MIMONILLINA Bernhauer and Scheerpeltz, 1926
- Tribe MYLLAENINI Ganglbauer, 1895
- Tribe OXYPODINI Thomson, 1859
 - Subtribe APHYTOPODINA Bernhauer and Scheerpeltz, 1926
 - Subtribe BLEPHARHYMENINA Klimaszewski and Peck, 1986
 - Subtribe DINARDINA Mulsant and Rey, 1873
 - Subtribe MEOTICINA Seevers, 1978
 - Subtribe OXYPODINA Thomson, 1859
 - Subtribe TACHYUSINA Thomson, 1859
- Tribe OXYPODININI Fenyès, 1921
- Tribe PAGLINI Newton and Thayer, 1992
- Tribe PARADOXENUSINI Bruch, 1937
- Tribe PEDICULOTINI Ádám, 1987
- Tribe PHILOTERMITINI Seevers, 1957
- Tribe PHYLLODINARDINI Wasmann, 1916
- Tribe PHYTOSINI Thomson, 1867
- Tribe PLACUSINI Mulsant and Rey, 1871
- Tribe PRONOMAEINI Mulsant and Rey, 1873
- Tribe PSEUDOPERINTHINI Cameron, 1939
- Tribe PYGOSTENINI Fauvel, 1899
- Tribe SAHLBERGIINI Kistner, 1993
- Tribe SCEPTOBIINI Seevers, 1978
- Tribe SKATITOXENINI Kistner and Pasteels, 1969
- Tribe TERMITODISCINI Wasmann, 1904
 - Subtribe ATHEXENIINA Pace, 2000
 - Subtribe TERMITODISCINA Wasmann, 1904

- Tribe TERMITOHOSPITINI Seevers, 1941
 - Subtribe HETAIROTERMITINA Seevers, 1957
 - Subtribe TERMITOHOSPITINA Seevers, 1941
- Tribe TERMITONANNINI Fenyes, 1918
 - Subtribe PERINTHINA Bernhauer and Scheerpeltz, 1926
 - Subtribe TERMITONANNINA Fenyes, 1918
- Tribe TERMITOPAEDIINI Seevers, 1957
- Tribe TERMITUSINI Fenyes, 1918
 - Subtribe TERMITOSPECTRINA Seevers, 1957
 - Subtribe TERMITUSINA Fenyes, 1918
- Tribe TRICHOPSENIINI LeConte and Horn, 1883
- Tribe TRILOBITIDEINI Fauvel, 1899
- Subfamily TRIGONURINAE Reiche, 1866**
- Subfamily APATETICINAE Fauvel, 1895**
- Subfamily SCAPHIDIINAE Latreille, 1806**
 - Tribe CYPARIINI Achard, 1924
 - Tribe SCAPHIDIINI Latreille, 1806
 - Tribe SCAPHIINI Achard, 1924
 - Tribe SCAPHISOMATINI Casey, 1893
- Subfamily PIESTINAE Erichson, 1839**
- Subfamily OSORIINAE Erichson, 1839**
 - Tribe ELEUSININI Sharp, 1887
 - Tribe LEPTOCHIRINI Sharp, 1887
 - Tribe OSORIINI Erichson, 1839
 - Subtribe OSORIINA Erichson, 1839
 - Subtribe PAROSORIINA Bernhauer and Schubert, 1911
 - Tribe THORACOPHORINI Reitter, 1909
 - Subtribe CLAVILISPININA Newton and Thayer, 1992
 - Subtribe GLYPTOMINA Newton and Thayer, 1992
 - Subtribe LISPININA Bernhauer and Schubert, 1910
 - Subtribe THORACOPHORINA Reitter, 1909
- Subfamily OXYTELINAE Fleming, 1821**
 - Tribe BLEDIINI Ádám, 2001
 - Tribe COPROPHILINI Heer, 1839
 - Tribe EUPHANIINI Reitter, 1909
 - Tribe OXYTELINI Fleming, 1821
 - Tribe PLANEUSTOMINI Jacquelin du Val, 1857
- Subfamily OXYPORINAE Fleming, 1821**
- Subfamily MEGALOPSIDIINAE Leng, 1920**
- Subfamily SCYDMAENINAE Leach, 1815**
 - †**Supertribe HAPSOMELITAE Poinar and Brown, 2004**
 - Supertribe MASTIGITAE Fleming, 1821**
 - Tribe CLIDICINI Casey, 1897

Tribe LEPTOMASTACINI Casey, 1897

Tribe MASTIGINI Fleming, 1821

Supertribe SCYDMAENITAE Leach, 1815

Tribe CEPHENNIINI Reitter, 1882

Tribe CHEVROLATIINI Reitter, 1882

Tribe CYRTOSCYDMINI Schaufuss, 1889

Tribe EUTHEIINI Casey, 1897

Tribe LEPTOSCYDMINI Casey, 1897

Tribe PLAUMANNIOLINI Costa Lima, 1962

Tribe SCYDMAENINI Leach, 1815

Subfamily STENINAE MacLeay, 1825

Subfamily EUAESTHETINAE Thomson, 1859

Tribe ALZADAESTHETINI Scheerpeltz, 1974

Tribe AUSTRIOESTHETINI Cameron, 1944

Tribe EUAESTHETINI Thomson, 1859

Tribe FENDERIINI Scheerpeltz, 1974

Tribe NORDENSKIOLDIINI Bernhauer and Schubert, 1911

Tribe STENAESTHETINI Bernhauer and Schubert, 1911

Subfamily SOLIERIINAE Newton and Thayer, 1992

Subfamily LEPTOTYPHLINAE Fauvel, 1874

Tribe CEPHALOTYPHLINI Coiffait, 1963

Tribe ENTOMOCULINI Coiffait, 1957

Tribe LEPTOTYPHLINI Fauvel, 1874

Tribe METROTYPHLINI Coiffait, 1963

Tribe NEOTYPHLINI Coiffait, 1963

Subfamily PSEUDOPSINAE Ganglbauer, 1895

Subfamily PAEDERINAE Fleming, 1821

Tribe PAEDERINI Fleming, 1821

Subtribe ASTENINA Hatch, 1957

Subtribe CRYPTOBIINA Casey, 1905

Subtribe CYLINDROXYSTINA Bierig, 1943

Subtribe DOLICAONINA Casey, 1905

Subtribe ECHIASTERINA Casey, 1905

Subtribe LATHROBIINA Laporte, 1835

Subtribe LITHOCHARINA Casey, 1905

Subtribe MEDONINA Casey, 1905

Subtribe PAEDERINA Fleming, 1821

Subtribe SCOPAEINA Mulsant and Rey, 1878

Subtribe STILICINA Casey, 1905

Subtribe STILICOPSINA Casey, 1905

Tribe PINOPHILINI Nordmann, 1837

Subtribe PINOPHILINA Nordmann, 1837

Subtribe PROCIRRINA Bernhauer and Schubert, 1912

Subfamily STAPHYLININAE Latreille, 1802

Tribe ARROWININI Solodovnikov and Newton, 2005

Tribe DIOCHINI Casey, 1906

Tribe MAOROTHIINI Assing, 2000

Tribe OTHIINI Thomson, 1859

Tribe PLATYPROSOPINI Lynch Arribálzaga, 1884

Tribe STAPHYLININI Latreille, 1802

Subtribe AMBLYOPININA Seevers, 1944

Subtribe ANISOLININA Hayashi, 1993

Subtribe EUCIBDELINA Sharp, 1889

Subtribe HYPTIOMINA Casey, 1906

Subtribe PHILONTHINA Kirby, 1837

Subtribe QUEDIINA Kraatz, 1857

Subtribe STAPHYLININA Latreille, 1802

Subtribe TANYGNATHININA Reitter, 1909

Subtribe XANTHOPYGINA Sharp, 1884

Tribe XANTHOLININI Erichson, 1839

†Subfamily PROTACTINAE Heer, 1847**Series SCARABAEIFORMIA****Superfamily SCARABAEOIDEA Latreille, 1802****Family PLECOMIDAE LeConte, 1861****Subfamily PLECOMINAE LeConte, 1861****†Subfamily CRETOCOMINAE Nikolajev, 2002****†Subfamily ARCHESCARABAEINAE Nikolajev, 2010****Family GEOTRUPIDAE Latreille, 1802****Subfamily TAUROCERASTINAE Germain, 1897****Subfamily BOLBOCERATINAE Mulsant, 1842**

Tribe ATHYREINI Lynch Arribálzaga, 1878

Tribe BOLBELASMINI Nikolajev, 1996

Tribe BOLBOCERATINI Mulsant, 1842

Tribe BOLBOCHROMINI Nikolajev, 1970

Tribe EUBOLBITINI Nikolajev, 1970

Tribe EUCANTHINI Nikolajev, 2003

Tribe GILLETININI Nikolajev, 1990

Tribe ODONTEINI Shokhin, 2007

Tribe STENASPIDIINI Nikolajev, 2003

Subfamily GEOTRUPINAE Latreille, 1802

Tribe CERATOTRUPINI Zunino, 1984

Tribe ENOPLOTRUPINI Paulian, 1945

†Tribe CRETOTRUPINI Nikolajev, 1996

Tribe GEOTRUPINI Latreille, 1802

Tribe LETHRINI Oken, 1843

Family BELOHINIDAE Paulian, 1959

Family PASSALIDAE Leach, 1815

Subfamily AULACOCYCLINAE Kaup, 1868

Tribe AULACOCYCLINI Kaup, 1868

Tribe CERACUPEDINI Boucher, 2006

Subfamily PASSALINAE Leach, 1815

Tribe LEPTAULACINI Kaup, 1871

Tribe MACROLININI Kaup, 1871

Tribe PASSALINI Leach, 1815

Tribe PROCULINI Kaup, 1868

Tribe SOLENOCYCLINI Kaup, 1871

Family TROGIDAE MacLeay, 1819

†**Subfamily AVITORTORINAE Nikolajev, 2007**

Subfamily TROGINAE MacLeay, 1819

Subfamily OMORGINAE Nikolajev, 2005

Family GLARESIDAE Kolbe, 1905

Family DIPHYLLOSTOMATIDAE Holloway, 1972

Family LUCANIDAE Latreille, 1804

†**Subfamily PROTOLUCANINAE Nikolajev, 2007**

Subfamily AESALINAE MacLeay, 1819

Tribe AESALINI MacLeay, 1819

Tribe CERATOGNATHINI Sharp, 1899

Tribe NICAGINI LeConte, 1861

†**Subfamily CERUCHITINAE Nikolajev, 2006**

Subfamily SYNDESINAE MacLeay, 1819

Subfamily LAMPRIMINAE MacLeay, 1819

Tribe LAMPRIMINI MacLeay, 1819

Tribe STREPTOCERINI Kikuta, 1986

Subfamily LUCANINAE Latreille, 1804

Tribe CHIASOGNATHINI Burmeister, 1847

Tribe LUCANINI Latreille, 1804

Tribe PLATYCERINI Mulsant, 1842

Tribe PLATYCEROIDINI Paulsen and Hawks, 2008

†**Subfamily PARALUCANINAE Nikolajev, 2000**

Family OCHODAEIDAE Mulsant and Rey, 1871

†**Subfamily CRETOCHODAEINAE Nikolajev, 1995**

Subfamily OCHODAEINAE Mulsant and Rey, 1871

Tribe ENODOGNATHINI Scholtz, 1988

Tribe OCHODAEINI Mulsant and Rey, 1871

Subfamily CHAETOCANTHINAE Scholtz, 1988

Tribe CHAETOCANTHINI Scholtz, 1988

Tribe PSEUDUCHODAEINI Scholtz, 1988

- Tribe SYNOCHODAEINI Scholtz, 1988
- Family HYBOSORIDAE Erichson, 1847**
 - †Subfamily MIMAPHODIINAE Nikolajev, 2007
 - Subfamily ANAIDINAE Nikolajev, 1996
 - Subfamily CERATOCANTHINAE Martínez, 1968
 - Tribe CERATOCANTHINI Martínez, 1968
 - Tribe IVIEOLINI Howden and Gill, 2000
 - Tribe SCARABATERMITINI Nikolajev, 1999
 - Subfamily HYBOSORINAE Erichson, 1847
 - Subfamily LIPAROCHRNAE Ocampo, 2006
 - Subfamily PACHYPLECTRINAE Ocampo, 2006
- Family GLAPHYRIDAE MacLeay, 1819**
 - Subfamily GLAPHYRINAE MacLeay, 1819
 - Subfamily AMPHICOMINAE Blanchard, 1845
 - †Subfamily CRETOGLAPHYRINAE Nikolajev, 2005
- Family SCARABAEIDAE Latreille, 1802**
 - †Subfamily LITHOSCARABAEINAE Nikolajev, 1992
 - Subfamily CHIRONINAE Blanchard, 1845
 - Subfamily AEGIALIINAE Laporte, 1840
 - Subfamily EREMAZINAE Iablokoff-Khnzorian, 1977
 - Subfamily APHODIINAE Leach, 1815
 - Tribe APHODIINI Leach, 1815
 - Subtribe APHODIINA Leach, 1815
 - Subtribe DIDACTYLIINA Pittino, 1985
 - Subtribe PROCTOPHANINA Stebnicka and Howden, 1995
 - Tribe CORYTHODERINI Schmidt, 1910
 - Tribe EUPARIINI Schmidt, 1910 *nomen protectum*
 - Tribe ODONTOLOCHINI Stebnicka and Howden, 1996
 - Tribe ODOCHILINI Rakovič, 1987
 - Tribe PSAMMODIINI Mulsant, 1842
 - Subtribe PHYCOCINA Landin, 1960
 - Subtribe PSAMMODIINA Mulsant, 1842
 - Subtribe RHYSEMINA Pittino and Mariani, 1986
 - Tribe RHYPARINI Schmidt, 1910
 - Tribe STEREOMERINI Howden and Storey, 1992
 - Tribe TERMITODERINI Tangelder and Krikken, 1982
 - Subfamily AULONOCNEMINAE Janssens, 1946
 - Subfamily TERMITOTROGINAE Wasmann, 1918
 - Subfamily SCARABAEINAE Latreille, 1802
 - Tribe ATEUCHINI Perty, 1830
 - Subtribe ATEUCHINA Perty, 1830
 - Subtribe SCATIMINA Vaz-de-Mello, 2008
 - Tribe COPRINI Leach, 1815

- Tribe DELTOCHILINI Lacordaire, 1856
- Tribe EUCRANIINI Burmeister, 1873
- Tribe GYMNOPLURINI Lacordaire, 1856
- Tribe ONITICELLINI Kolbe, 1905
 - Subtribe DREPANOCERINA van Lansberge, 1875
 - Subtribe EURYSTERNINA Vulcano, Martínez and Pereira, 1961
 - Subtribe HELICTOPLURINA Janssens, 1946
 - Subtribe ONITICELLINA Kolbe, 1905
- Tribe ONITINI Laporte, 1840
- Tribe ONTHOPHAGINI Burmeister, 1846
- Tribe PHANAEINI Hope, 1838
- Tribe SCARABAEINI Latreille, 1802
- Tribe SISYPHINI Mulsant, 1842

†**Subfamily PROTOTROGINAE Nikolajev, 2000**

†**Subfamily CRETOSCARABAEINAE Nikolajev, 1995**

Subfamily DYNAMOPODINAE Arrow, 1911

- Tribe DYNAMOPODINI Arrow, 1911
- Tribe THINORYCTERINI Semenov and Reichardt, 1925

Subfamily PHAENOMERIDINAE Erichson, 1847

Subfamily ORPHNINAE Erichson, 1847

- Tribe AEGIDIINI Paulian, 1984
- Tribe ORPHNINI Erichson, 1847

Subfamily ALLIDIOSTOMATINAE Arrow, 1940

Subfamily ACLOPINAE Blanchard, 1850

- Tribe ACLOPINI Blanchard, 1850
- †Tribe HOLCOROBEINI Nikolajev, 1992
- Tribe PHAENOGNATHINI Iablokoff-Khnzorian, 1977

Subfamily MELOLONTHINAE Leach, 1819

- Tribe ABLABERINI Blanchard, 1850
- Tribe AUTOMOLIINI Britton, 1978
- Tribe CHASMATOPTERINI Lacordaire, 1856
- Tribe COLYMBOMORPHINI Blanchard, 1850
- Tribe COMOPHORININI Britton, 1957
- †Tribe CRETOMELOLONTHINI Nikolajev, 1998
- Tribe DICHELONYCHINI Burmeister, 1855
- Tribe DIPHUCEPHALINI Laporte, 1840
- Tribe DIPHYCERINI Medvedev, 1952
- Tribe DILOTAXINI Kirby, 1837
- Tribe EUCHIRINI Hope, 1840
- Tribe HETERONYCHINI Lacordaire, 1856
- Tribe HOPLIINI Latreille, 1829
 - Subtribe HOPLIINA Latreille, 1829
 - Subtribe PACHYCNEMINA Laporte, 1840

- Tribe LICHNIINI Burmeister, 1844
- Tribe LIPARETRINI Burmeister, 1855
- Tribe MACRODACTYLINI Kirby, 1837
- Tribe MAECHIDIINI Burmeister, 1855
- Tribe MELOLONTHINI Leach, 1819
 - Subtribe ENARIINA Dewailly, 1950
 - Subtribe HEPTOPHYLLINA Medvedev, 1951
 - Subtribe LEUCOPHOLINA Burmeister, 1855
 - Subtribe MELOLONTHINA Leach, 1819
 - Subtribe PEGYLINA Lacroix, 1989
 - Subtribe RHIZOTROGINA Burmeister, 1855
 - Subtribe SCHIZONYCHINA Burmeister, 1855
- Tribe ONCERINI LeConte, 1861
- Tribe PACHYPODINI Erichson, 1840
- Tribe PACHYTRICHINI Burmeister, 1855
- Tribe PHYLLOTOCIDIINI Britton, 1957
- Tribe PODOLASIINI Howden, 1997
- Tribe SCITALINI Britton, 1957
- Tribe SERICINI Kirby, 1837
 - Subtribe PHYLLOTOCINA Burmeister, 1855
 - Subtribe SERICINA Kirby, 1837
 - Subtribe TROCHALINA Brenske, 1898
- Tribe SERICOIDINI Erichson, 1847
- Tribe SYSTELLOPINI Sharp, 1877
- Tribe TANYPROCTINI Erichson, 1847
 - Subtribe MACROPHYLLINA Burmeister, 1855
 - Subtribe TANYPROCTINA Erichson, 1847

Subfamily RUTELINAE MacLeay, 1819

- Tribe ADORETINI Burmeister, 1844
 - Subtribe ADORETINA Burmeister, 1844
 - Subtribe ADORRHINYPTIINA Arrow, 1917
 - Subtribe PACHYRHINADORETINA Ohaus, 1912
 - Subtribe PRODORETINA Ohaus, 1912
 - Subtribe TRIGONOSTOMUSINA Ohaus, 1912
- Tribe ALVARENGIINI Frey, 1975
- Tribe ANATISTINI Lacordaire, 1856
- Tribe ANOMALINI Streubel, 1839 *nomen protectum*
 - Subtribe ANISOPLIINA Burmeister, 1844
 - Subtribe ANOMALINA Streubel, 1839 *nomen protectum*
 - Subtribe ISOPLIINA Péringuey, 1902
 - Subtribe LEPTOHOPLIINA Potts, 1974
 - Subtribe POPILLIINA Ohaus, 1918
- Tribe ANOPLOGNATHINI MacLeay, 1819

- Subtribe ANOPLOGNATHINA MacLeay, 1819
- Subtribe BRACHYSTERNINA Burmeister, 1844
- Subtribe PHALANGOGONIINA Ohaus, 1918
- Subtribe PLATYCOELIINA Burmeister, 1844
- Subtribe SCHIZOGNATHINA Ohaus, 1918
- Tribe GENIATINI Burmeister, 1844
- Tribe RUTELINI MacLeay, 1819
 - Subtribe AREODINA Burmeister, 1844
 - Subtribe DESMONYCHINA Arrow, 1917
 - Subtribe DIDREPANEPHORINA Ohaus, 1918
 - Subtribe HETEROSTERNINA Bates, 1888 *nomen protectum*
 - Subtribe LASIOCALINA Ohaus, 1918
 - Subtribe ORYCTOMORPHINA Burmeister, 1847
 - Subtribe PARASTASIINA Burmeister, 1844
 - Subtribe RUTELINA MacLeay, 1819

Subfamily DYNASTINAE MacLeay, 1819

- Tribe AGAOCEPHALINI Burmeister, 1847
- Tribe CYCLOCEPHALINI Laporte, 1840
- Tribe DYNASTINI MacLeay, 1819
- Tribe HEXODONTINI Lacordaire, 1856
- Tribe ORYCTINI Mulsant, 1842
- Tribe ORYCTODERINI Endrödi, 1966
- Tribe PENTODONTINI Mulsant, 1842
 - Subtribe CHEIROPLATINA Carne, 1957
 - Subtribe DIPELICINA Carne, 1957
 - Subtribe PENTODONTINA Mulsant, 1842
 - Subtribe PSEUDORYCTINA Carne, 1957
- Tribe PHILEURINI Burmeister, 1847
 - Subtribe CRYPTODINA Burmeister and Schaum, 1840
 - Subtribe PHILEURINA Burmeister, 1847

Subfamily CETONIINAE Leach, 1815

- Tribe CETONIINI Leach, 1815
 - Subtribe CETONIINA Leach, 1815
 - Subtribe EUPHORIINA Horn, 1880
 - Subtribe LEUCOCELINA Kraatz, 1882
- Tribe CREMASTOCHEILINI Burmeister and Schaum, 1841
 - Subtribe ASPILINA Krikken, 1984
 - Subtribe COENOCILINA Burmeister, 1842
 - Subtribe CREMASTOCHEILINA Burmeister and Schaum, 1841
 - Subtribe CYMOPHORINA Krikken, 1984
 - Subtribe GENUCHINA Krikken, 1984
 - Subtribe GOLIATHOPSIDINA Krikken, 1984
 - Subtribe HETEROGENIINA Krikken, 1984

- Subtribe LISSOGENIINA Krikken, 1984
- Subtribe MACROMINA Burmeister and Schaum, 1840
- Subtribe NYASSININA Krikken, 1984
- Subtribe OPLOSTOMINA Krikken, 1984
- Subtribe PILINURGINA Krikken, 1984
- Subtribe SPILOPHORINA Krikken, 1984
- Subtribe TELOCHILINA Krikken, 1984
- Subtribe TRICHOPLINA Krikken, 1984
- Subtribe TROGODINA Krikken, 1984
- Tribe DIPLOGNATHINI Burmeister, 1842
- Tribe GOLIATHINI Latreille, 1829
 - Subtribe CORYPHOCERINA Burmeister, 1842
 - Subtribe DICRONOCEPHALINA Krikken, 1984
 - Subtribe GOLIATHINA Latreille, 1829
 - Subtribe ICHNESTOMATINA Burmeister, 1842
- Tribe GYMNETINI Kirby, 1827
 - Subtribe BLAESIINA Schoch, 1895
 - Subtribe GYMNETINA Kirby, 1827
- Tribe PHAEDIMINI Schoch, 1894
- Tribe SCHIZORHININI Burmeister, 1842
 - Subtribe LOMAPTERINA Burmeister, 1842
 - Subtribe SCHIZORHININA Burmeister, 1842
- Tribe STENOTARSIINI Kraatz, 1880
 - Subtribe ANOCHILIINA Krikken, 1984
 - Subtribe COPTOMIINA Schenkling, 1921
 - Subtribe CHROMOPTILIINA Krikken, 1984
 - Subtribe DORYSCELINA Schenkling, 1921
 - Subtribe EUCHROEINA Paulian and Descarpentries, 1982
 - Subtribe HETEROPHANINA Schoch, 1894
 - Subtribe HETEROSOMATINA Krikken, 1984
 - Subtribe PANTOLIINA Krikken, 1984
 - Subtribe PARACHILIINA Krikken, 1984
 - Subtribe STENOTARSIINA Kraatz, 1880
- Tribe TAENIODERINI Mikšić, 1976
 - Subtribe CHALCOTHEINA Mikšić, 1976
 - Subtribe TAENIODERINA Mikšić, 1976
- Tribe TRICHIINI Fleming, 1821
 - Subtribe CRYPTODONTINA Lacordaire, 1856
 - Subtribe INCINA Burmeister, 1842
 - Subtribe OSMODERMATINA Schenkling, 1922
 - Subtribe PLATYGENIINA Krikken, 1984
 - Subtribe TRICHIINA Fleming, 1821
- Tribe VALGINI Mulsant, 1842

Subtribe MICROVALGINA Kolbe, 1904

Subtribe VALGINA Mulsant, 1842

Tribe XIPHOSCELIDINI Burmeister, 1842

†Family COPRINISPHAERIDAE Genise, 2004

†Family PALlichNIDAE Genise, 2004

Series ELATERIFORMIA

Superfamily SCIRTOIDEA Fleming, 1821

Family DECLINIIDAE Nikitsky, Lawrence, Kirejtshuk and Gratshev, 1994

Family EUCINETIDAE Lacordaire, 1857

Family CLAMBIDAE Fischer von Waldheim, 1821

Subfamily CALYPTOMERINAE Crowson, 1955

Subfamily ACALYPTOMERINAE Crowson, 1979

Subfamily CLAMBINAE Fischer von Waldheim, 1821

Family SCIRTIDAE Fleming, 1821

Subfamily SCIRTINAE Fleming, 1821

Subfamily NIPPONOCYPHONINAE Lawrence and Yoshitomi, 2007

Subfamily STENOCYPHONINAE Lawrence and Yoshitomi, 2007

†Family ELODOPHTHALMIDAE Kirejtshuk and Azar, 2008

†Family MESOCINETIDAE Kirejtshuk and Ponomarenko, 2010

Superfamily DASCILLOIDEA Guérin-Méneville, 1843 (1834)

Family DASCILLIDAE Guérin-Méneville, 1843 (1834)

Subfamily DASCILLINAE Guérin-Méneville, 1843 (1834)

Tribe CINNABARIINI Pic, 1914

Tribe DASCILLINI Guérin-Méneville, 1843 (1834)

Subfamily KARUMIINAE Escalera, 1913

Tribe EMMITINI Escalera, 1914

Tribe ESCALERININI Paulus, 1972

Tribe GENE CERINI Pic, 1914

Tribe KARUMIINI Escalera, 1913

Family RHIPICERIDAE Latreille, 1834

Superfamily BUPRESTOIDEA Leach, 1815

Family SCHIZOPODIDAE LeConte, 1859

Subfamily SCHIZOPODINAE LeConte, 1859

Tribe DYSTAXIINI Théry, 1929

†Tribe ELECTRAPATINI Iablokoff-Khnzorian, 1962

Tribe SCHIZOPODINI LeConte, 1859

Family BUPRESTIDAE Leach, 1815

Subfamily JULODINAE Lacordaire, 1857

Subfamily POLYCESTINAE Lacordaire, 1857

- Tribe ACMAEODERINI Kerremans, 1893
 - Subtribe ACMAEODERINA Kerremans, 1893
 - Subtribe ACMAEODEROIDINA Cobos, 1955
 - Subtribe NOTHOMORPHINA Cobos, 1955
- Tribe ASTRAEINI Cobos, 1980
- Tribe BULINI Bellamy, 1995
- Tribe HAPLOSTETHINI LeConte, 1861
- Tribe PARATRACHEINI Cobos, 1980
- Tribe PERUCOLINI Cobos, 1980
- Tribe POLYCESTINI Lacordaire, 1857
 - Subtribe POLYCESTINA Lacordaire, 1857
 - Subtribe XENOPSEINA Volkovitsh, 2008
- Tribe POLYCTESINI Cobos, 1955
- Tribe PROSPHERINI Cobos, 1980
- Tribe PTOSIMINI Kerremans, 1903
- Tribe THRINCOPYGINI LeConte, 1861
- Tribe TYNDARIDINI Cobos, 1955
 - Subtribe MIMICOCYTRININA Bellamy, 2003
 - Subtribe PSEUDACHERUSIINA Cobos, 1980
 - Subtribe TYLAUCHENIINA Cobos, 1959
 - Subtribe TYNDARIDINA Cobos, 1955
- Tribe XYROSCELIDINI Cobos, 1955

Subfamily GALBELLINAE Reitter, 1911

Subfamily CHRYSOCHROINAE Laporte, 1835

- Tribe CHRYSOCHROINI Laporte, 1835
 - Subtribe CHALCOPHORINA Lacordaire, 1857 (1848)
 - Subtribe CHRYSOCHROINA Laporte, 1835
 - Subtribe EUCALLOPISTINA Bellamy, 2003
- Tribe DICERCINI Gistel, 1848
 - Subtribe DICERCINA Gistel, 1848
 - Subtribe HAPLOTRINCHINA Holyński, 1993
 - Subtribe HIPPOMELANINA Holyński, 1993
 - Subtribe PSEUDOPEROTINA Tōyama, 1987
- Tribe EVIDINI Tōyama, 1987
- Tribe PARALEPTODEMINI Cobos, 1975
 - Subtribe EUCHROMATINA Holyński, 1993
 - Subtribe EUPLECTALECIINA Holyński, 1993
 - Subtribe HYPOPRASINA Holyński, 1993
 - Subtribe PARALEPTODEMINA Cobos, 1975
 - Subtribe PRISTIPTERINA Holyński, 1993
- Tribe PARATASSINI Bílý and Volkovitsh, 1996
- Tribe POECILONOTINI Jakobson, 1913
 - Subtribe POECILONOTINA Jakobson, 1913

- Subtribe NESOTRINCHINA Bílý, Kubáň and Volkovitsh, 2009
- Tribe SPHENOPTERINI Lacordaire, 1857
- Tribe VADONAXIINI Descarpentries, 1970
- Subfamily BUPRESTINAE Leach, 1815**
 - Tribe ACTENODINI Gistel, 1848
 - Tribe ANTHAXIINI Gory and Laporte, 1839
 - Tribe BUBASTINI Obenberger, 1920
 - Tribe BUPRESTINI Leach, 1815
 - Subtribe AGAEOCERINA Nelson, 1982
 - Subtribe BUPRESTINA Leach, 1815
 - Subtribe LAMPROCHEILINA Holyński, 1993
 - Subtribe TRACHYKELINA Holyński, 1988
 - Tribe CHRYSOBOTHRINI Gory and Laporte, 1836
 - Tribe COOMANIELLINI Bílý, 1974
 - Tribe CURIDINI Holyński, 1988
 - Subtribe ANILARINA Bílý, 2000
 - Subtribe CURIDINA Holyński, 1988
 - Subtribe NEOCURIDINA Holyński, 1988
 - Tribe EPISTOMENTINI Levey, 1978
 - Tribe EXAGISTINI Tôyama, 1987
 - Tribe JULODIMORPHINI Kerremans, 1903
 - Tribe KISANTHOBIINI Richter, 1949
 - Tribe MAORAXIINI Holyński, 1984
 - Tribe MELANOPHILINI Bedel, 1921
 - Tribe MELOBASEINI Bílý, 2000
 - Tribe MENDIZABALIINI Cobos, 1968
 - Tribe NASCIONINI Holyński, 1988
 - Tribe PHRIXIINI Cobos, 1975
 - Tribe PTEROBOTHRINI Volkovitsh, 2001
 - Tribe STIGMODERINI Lacordaire, 1857
 - Tribe THOMASSETIINI Bellamy, 1987
 - Subtribe PHILANTHAXIINA Holyński, 1988
 - Subtribe THOMASSETIINA Bellamy, 1987
 - Tribe TRIGONOGENIINI Cobos, 1956
 - Tribe XENORHIPIDINI Cobos, 1986
 - Subtribe TRICHINORHIPIDINA Bellamy, 2006
 - Subtribe XENORHIPIDINA Cobos, 1986
- Subfamily AGRILINAE Laporte, 1835**
 - Tribe AGRILINI Laporte, 1835
 - Subtribe AGRILINA Laporte, 1835
 - Subtribe AMORPHOSTERNINA Cobos, 1974
 - Subtribe AMYIINA Holyński, 1993
 - Subtribe RHAEBOSCELIDINA Cobos, 1976

- Tribe APHANISTICINI Jacquelin du Val, 1859
 - Subtribe ANTHAXOMORPHINA Holyński, 1993
 - Subtribe APHANISTICINA Jacquelin du Val, 1859
 - Subtribe CYLINDROMORPHINA Portevin, 1931
 - Subtribe CYLINDROMORPHOIDINA Cobos, 1979
 - Subtribe GERMARICINA Cobos, 1979
- Tribe CORAEBINI Bedel, 1921
 - Subtribe AMORPHOSOMATINA Majer, 2000
 - Subtribe CISSEINA Majer, 2000
 - Subtribe CLEMATINA Majer, 2000
 - Subtribe CORAEBINA Bedel, 1921
 - Subtribe DISMORPHINA Cobos, 1990
 - Subtribe ETHONIINA Majer, 2000
 - Subtribe GERALIINA Cobos, 1988
 - Subtribe MELIBOEINA Majer, 2000
 - Subtribe SYNECHOCERINA Majer, 2000
 - Subtribe TOXOSCELINA Majer, 2000
- Tribe TRACHEINI Laporte, 1835
 - Subtribe BRACHINA LeConte, 1861
 - Subtribe LEIOPLEURINA Holyński, 1993
 - Subtribe PACHYSCHHELINA Böving and Craighead, 1931
 - Subtribe TRACHEINA Laporte, 1835
- †Subfamily PARATHYREINAE Alexeev, 1994

Superfamily BYRRHOIDEA Latreille, 1804

Family BYRRHIDAE Latreille, 1804

Subfamily BYRRHINAE Latreille, 1804

- Tribe BYRRHINI Latreille, 1804
- Tribe EXOMELLINI Casey, 1914
- Tribe MORYCHINI El Moursy, 1961
- Tribe PEDILOPHORINI Casey, 1912
- Tribe SIMPLOCARIINI Mulsant and Rey, 1869

Subfamily SYNCALYPTINAE Mulsant and Rey, 1869

- Tribe MICROCHAETINI Paulus, 1973
- Tribe SYNCALYPTINI Mulsant and Rey, 1869

Subfamily AMPHICYRTINAE LeConte, 1861

Family ELMIDAE Curtis, 1830

Subfamily LARAINAE LeConte, 1861

- Tribe LARAINI LeConte, 1861
- Tribe POTAMOPHILINI Mulsant and Rey, 1872

Subfamily ELMINAE Curtis, 1830

- Tribe ANCYRONYCHINI Ganglbauer, 1904
- Tribe ELMINI Curtis, 1830

- Subtribe **ELMINA** Curtis, 1830
- Subtribe **STENELMINA** Mulsant and Rey, 1872
- Tribe **MACRONYCHINI** Gistel, 1848
- Family DRYOPIDAE Billberg, 1820 (1817)**
- Family LUTROCHIDAE Kasap and Crowson, 1975**
- Family LIMNICHIDAE Erichson, 1846**
 - Subfamily **HYPHALINAE Britton, 1971**
 - Subfamily **LIMNICHINAE Erichson, 1846**
 - Tribe **LIMNICHINI** Erichson, 1846
 - Tribe **WOOLDRIDGEINI** Spangler, 1999
 - Subfamily **CEPHALOPYRRHINAE Champion, 1925**
 - Subfamily **THAUMASTODINAE Champion, 1924**
- Family HETEROCERIDAE MacLeay, 1825**
 - Subfamily **ELYTHOMERINAE Pacheco, 1964**
 - Subfamily **HETEROCERINAE MacLeay, 1825**
 - Tribe **AUGYLINI** Pacheco, 1964
 - Tribe **HETEROCERINI** MacLeay, 1825
 - Tribe **MICILINI** Pacheco, 1964
 - Tribe **TROPICINI** Pacheco, 1964
- Family PSEPHENIDAE Lacordaire, 1854**
 - Subfamily **AFROEUBRIINAE Lee, Satô, Shepard and Jäch, 2007**
 - Subfamily **EUBRIINAE Lacordaire, 1857**
 - Subfamily **EUBRIANACINAE Jakobson, 1913**
 - Subfamily **PSEPHENOIDINAE Bollow, 1938**
 - Subfamily **PSEPHENINAE Lacordaire, 1854**
- Family CNEOGLOSSIDAE Champion, 1897**
- Family PTILODACTYLIDAE Laporte, 1836**
 - Subfamily **ANCHYTARSINAE Champion, 1897**
 - Subfamily **CLADOTOMINAE Pic, 1914**
 - Subfamily **APLOGLOSSINAE Champion, 1897**
 - Subfamily **ARAEOPIDIINAE Lawrence, 1991**
 - Subfamily **PTILODACTYLINAE Laporte, 1836**
- Family PODABROCEPHALIDAE Pic, 1930**
- Family CHELONARIIDAE Blanchard, 1845**
- Family EULICHADIDAE Crowson, 1973**
- Family CALLIRHIPIDAE Emden, 1924**
-
- Superfamily ELATEROIDEA Leach, 1815**
- Family RHINORHIPIDAE Lawrence, 1988**
- Family ARTEMATOPODIDAE Lacordaire, 1857**
 - Subfamily **ELECTRIBIINAE Crowson, 1975**
 - Subfamily **ALLOPOGONIINAE Crowson, 1973**
 - Subfamily **ARTEMATOPODINAE Lacordaire, 1857**

Tribe ARTEMATOPODINI Lacordaire, 1857

Tribe CTESIBIINI Crowson, 1973

Tribe MACROPOGONINI LeConte, 1861

Family BRACHYPSECTRIDAE LeConte and Horn, 1883

Family CEROPHYTIDAE Latreille, 1834

Family EUCNEMIDAE Eschscholtz, 1829

Subfamily PEROTHOPINAE Lacordaire, 1857

Subfamily PHYLLOCERINAE Reitter, 1905

Tribe ANELASTINI Reitter, 1911

Tribe PHYLLOCERINI Reitter, 1905

Subfamily PSEUDOMENINAE Muona, 1993

Tribe PSEUDOMENINI Muona, 1993

Tribe SCHIZOPHILINI Muona, 1993

Subfamily PALAEOXENINAE Muona, 1993

Subfamily PHLEGONINAE Muona, 1993

Subfamily ANISCHIINAE Fleutiaux, 1936

Subfamily MELASINAE Fleming, 1821

Tribe CALYPTOCERINI Muona, 1993

Tribe CEBALLOSMELASINI Muona, 1993

Tribe DIRHAGINI Reitter, 1911

Tribe EPIPHANINI Muona, 1993

Tribe HYLOCHARINI Jacquelin du Val, 1859

Tribe MELASINI Fleming, 1821

Subtribe COMPSOCNEMINA Muona, 1993

Subtribe MELASINA Fleming, 1821

Tribe NEOCHARINI Muona, 1993

Tribe XYLOBIINI Reitter, 1911

Subfamily EUCNEMINAE Eschscholtz, 1829

Tribe DENDROCHARINI Fleutiaux, 1920

Tribe DYSCHARACHTHINI Muona, 1993

Tribe ENTOMOSATOPINI Muona, 1993

Tribe EUCNEMINI Eschscholtz, 1829

Tribe GALBITINI Muona, 1991

Tribe MESOGENINI Muona, 1993

Tribe MUONAJINI Özdikmen, 2008

Tribe PERROTIINI Muona, 1993

Tribe PHAENOCERINI Muona, 1993

Tribe PROUTIANINI Muona, 1993

Subfamily MACRAULACINAE Fleutiaux, 1923

Tribe ANELASTIDINI Muona, 1993

Tribe ECHTHROGASTERINI Cobos, 1965

Tribe EURYPYCHINI Mamaev, 1976

Tribe JENIBUNTORINI Muona, 1993

Tribe MACRAULACINI Fleutiaux, 1923

Tribe NEMATODINI Leiler, 1976

Tribe OISOCERINI Muona, 1993

Tribe ORODOTINI Muona, 1993

†Tribe THROSCOGENIINI Iablokoff-Khnzorian, 1962

Family THROSCIDAE Laporte, 1840 *nomen protectum*

†Family PRAELATERIIDAE Dolin, 1973

Family ELATERIDAE Leach, 1815

Subfamily CEBRIONINAE Latreille, 1802

Subfamily AGRYPNINAE Candèze, 1857 *nomen protectum*

Tribe AGRYPNINI Candèze, 1857 *nomen protectum*

Tribe ANAISSINI Golbach, 1984

†Tribe CRYPTOCARDIINI Dolin, 1980

Tribe EUPLINTHINI Costa, 1975

Subtribe CLEIDECOSTINA Johnson, 2002

Subtribe COMPSOLINTHINA Costa, 1975

Subtribe EUPLINTHINA Costa, 1975

Tribe HEMIRHIPINI Candèze, 1857

Tribe OOPHORINI Gistel, 1848

Tribe PLATYCREPIDIINI Costa and Casari-Chen, 1993

Tribe PSEUDOMELANACTINI Arnett, 1967

Tribe PYROPHORINI Candèze, 1863

Subtribe HAPSODRILINA Costa, 1975

Subtribe NYCTOPHYXINA Costa, 1975

Subtribe PYROPHORINA Candèze, 1863

Tribe TETRALOBINI Laporte, 1840

Subfamily THYLACOSTERNINAE Fleutiaux, 1920

Subfamily LISSOMINAE Laporte, 1835

Subfamily SEMIOTINAE Jakobson, 1913

Subfamily CAMPYLOXENINAE Costa, 1975

Subfamily PITYOBIINAE Hyslop, 1917

Subfamily OXYNOPTERINAE Candèze, 1857

Subfamily DENDROMETRINAE Gistel, 1848

Tribe CREPIDOMENINI Candèze, 1863

Tribe DENDROMETRINI Gistel, 1848

Subtribe DENDROMETRINA Gistel, 1848

Subtribe DENTICOLLINA Stein and Weise, 1877 (1848)

Subtribe HEMICREPIDIINA Champion, 1896

Tribe DIMINI Candèze, 1863

Tribe HYPNODINI Schwarz, 1906 (1860)

Tribe PLEONOMINI Semenov and Pjatakova, 1936

Tribe PROSTERNINI Gistel, 1856 *nomen protectum*

Tribe SENODONIINI Schenkling, 1927

Subfamily NEGASTRIINAE Nakane and Kishii, 1956

Tribe NEGASTRIINI Nakane and Kishii, 1956

Tribe QUASIMUSINI Schimmel and Tarnawski, 2009

Subtribe LOEBLIQUASIMUSINA Schimmel and Tarnawski, 2009

Subtribe QUASIMUSINA Schimmel and Tarnawski, 2009

Subtribe STRIATOQUASIMUSINA Schimmel and Tarnawski, 2009

Subtribe WITTMEROQUASIMUSINA Schimmel and Tarnawski, 2009

Subfamily ELATERINAE Leach, 1815

Tribe AGRIOTINI Laporte, 1840

Subtribe AGRIOTINA Laporte, 1840

Subtribe CARDIORHININA Candèze, 1863

Tribe AMPEDINI Gistel, 1848

Tribe DICREPIDIINI Thomson, 1858

Tribe ELATERINI Leach, 1815

Tribe MEGAPENTHINI Gurjeva, 1973

Tribe MELANOTINI Candèze, 1859 (1848)

Tribe ODONTONYCHINI Girard, 1973

Tribe PHYSORHININI Candèze, 1859

Tribe POMACHILIINI Candèze, 1859

Tribe SYNAPTINI Gistel, 1856

Subfamily CARDIOPHORINAE Candèze, 1859

Subfamily HEMIOPINAE Fleutiaux, 1941

Subfamily PHYSODACTYLINAE Lacordaire, 1857

Subfamily EUDICRONYCHINAE Girard, 1971

Subfamily SUBPROTELATERINAE Fleutiaux, 1920

Subfamily MOROSTOMATINAE Dolin, 2000

†Subfamily PROTAGRYPNINAE Dolin, 1973

†Tribe DESMATINI Dolin, 1975

†Tribe HYPNOMORPHINI Dolin, 1975

†Tribe PROTAGRYPNINI Dolin, 1973

Family PLASTOCERIDAE Crowson, 1972

Family DRILIDAE Blanchard, 1845

Subfamily DRILINAE Blanchard, 1845

Subfamily THILMANINAE Kazantsev, 2004

Tribe EUANOMINI Kazantsev, 2010

Tribe THILMANINI Kazantsev, 2004

Family OMALISIDAE Lacordaire, 1857

†Family BERENDTIMIRIDAE Winkler, 1987

Family LYCIDAE Laporte, 1836

Subfamily LIBNETINAE Bocák and Bocáková, 1990

Subfamily DICTYOPTERINAE Houlbert, 1922

Tribe DICTYOPTERINI Houlbert, 1922

Tribe LYCOPROGENTHINI Bocák and Bocáková, 2008

Tribe TAPHINI Bocák and Bocáková, 1990

Subfamily LYROPAEINAE Bocák and Bocáková, 1989

Tribe ALYCULINI Bocák and Bocáková, 2008

Tribe ANTENNOLYCINI Bocák and Bocáková, 2008

Tribe LYROPAEINI Bocák and Bocáková, 1989

Tribe MINIDULITICOLINI Kazantsev, 2003

Tribe PLATERODRILINI Kazantsev, 2004

Subfamily ATELIINAE Kleine, 1929

Tribe ATELIINI Kleine, 1929

Tribe DILOPHOTINI Kleine, 1929

Subfamily LYCINAE Laporte, 1836

Tribe CALOCHROMINI Lacordaire, 1857

Tribe CALOPTERINI Green, 1949

Subtribe ACROLEPTINA Bocáková, 2005

Subtribe CALOPTERINA Green, 1949

Tribe CONDERINI Bocák and Bocáková, 1990

Tribe DIHAMMATINI Bocák and Bocáková, 2008

Tribe EROTINI LeConte, 1881

Tribe EURRHACINI Bocáková, 2005

Tribe LEPTOLYCINI Leng and Mutchler, 1922

Tribe LYCINI Laporte, 1836

Tribe LYPONIINI Bocák and Bocáková, 1990

Tribe MACROLYCINI Kleine, 1929

Tribe MELANEROTINI Kazantsev, 2010

Tribe METRIORRHYNCHINI Kleine, 1926

Subtribe HEMICONDERININA Bocák and Bocáková, 1990

Subtribe METRIORRHYNCHINA Kleine, 1926

Subtribe TRICHALINA Kleine, 1929

Tribe PLATERODINI Kleine, 1929

Tribe SLIPINSKIINI Bocák and Bocáková, 1992

Tribe THONALMINI Kleine, 1933

Subfamily DEXORINAE Bocák and Bocáková, 1989

Family TELEGEUSIDAE Leng, 1920

Family PHENGODIDAE LeConte, 1861

Subfamily PHENGODINAE LeConte, 1861

Subfamily MASTINOCERINAE LeConte, 1881

Subfamily PENICILLOPHORINAE Paulus, 1975

Family RHAGOPHTHALMIDAE Olivier, 1907

Family LAMPYRIDAE Rafinesque, 1815

- Subfamily PSILOCLADINAE McDermott, 1964**
- Subfamily AMYDETINAE Olivier, 1907**
 - Tribe AMYDETINI Olivier, 1907
 - Tribe VESTINI McDermott, 1964
- Subfamily LAMPYRINAE Rafinesque, 1815**
 - Tribe CRATOMORPHINI Green, 1948
 - Tribe LAMPROCERINI Olivier, 1907
 - Tribe LAMPROHIZINI Kazantsev, 2010
 - Tribe LAMPYRINI Rafinesque, 1815
 - Tribe LUCIDOTINI Lacordaire, 1857
 - Subtribe DADOPHORINA Olivier, 1907
 - Subtribe LAMPRIGERINA McDermott, 1964
 - Subtribe LUCIDOTINA Lacordaire, 1857
 - Subtribe PHOTININA LeConte, 1881
 - Tribe PLEOTOMINI Summers, 1874
- Subfamily LUCIOLINAE Lacordaire, 1857**
 - Tribe CURTOSINI McDermott, 1964
 - Tribe LUCIOLINI Lacordaire, 1857
- Subfamily PHOTURINAE Lacordaire, 1857**
- Family OMETHIDAE LeConte, 1861**
 - Subfamily OMETHINAE LeConte, 1861**
 - Subfamily MATHETEINAE LeConte, 1881**
 - Subfamily DRILONIINAE Crowson, 1972**
- Family CANTHARIDAE Imhoff, 1856 (1815)**
 - Subfamily CANTHARINAE Imhoff, 1856 (1815)**
 - Tribe CANTHARINI Imhoff, 1856 (1815)
 - Tribe PODABRINI Gistel, 1856
 - Subfamily SILINAE Mulsant, 1862**
 - Tribe SILINI Mulsant, 1862
 - Tribe TYTTHONYXINI Arnett, 1962
 - Subfamily DYSMORPHOCERINAE Brancucci, 1980**
 - Subfamily MALTHININAE Kiesenwetter, 1852**
 - Tribe MALCHININI Brancucci, 1980
 - Tribe MALTHININI Kiesenwetter, 1852
 - Tribe MALTHODINI Böving and Craighead, 1931
 - Subfamily CHAULIOGNATHINAE LeConte, 1861**
 - Tribe CHAULIOGNATHINI LeConte, 1861
 - Tribe ICHTHYURINI Champion, 1915
 - Subfamily CYDISTINAE Paulus, 1972**
 - Subfamily PTEROTINAE LeConte, 1861**
 - Subfamily OTOTRETINAE McDermott, 1964**
 - Subfamily OTOTRETADRILINAE Crowson, 1972**
 - †Subfamily LASIOSYNIDAE Kirejtshuk, Chang, Ren and Kun, 2010**

Series DERODONTIFORMIA

Superfamily DERODONTOIDEA LeConte, 1861

Family DERODONTIDAE LeConte, 1861

Subfamily PELTASTICINAE LeConte, 1861

Subfamily DERODONTINAE LeConte, 1861

Subfamily LARICOBINI Mulsant and Rey, 1864

Family NOSODENDRIDAE Erichson, 1846

Family JACOBSONIIDAE Heller, 1926

Series BOSTRICHIFORMIA

Superfamily BOSTRICHOIDEA Latreille, 1802

Family DERMESTIDAE Latreille, 1804

Subfamily DERMESTINAE Latreille, 1804

Tribe DERMESTINI Latreille, 1804

Tribe MARIOUTINI Jakobson, 1913

Subfamily THORICTINAE Agassiz, 1846

Tribe THAUMAPHRASTINI Anderson, 1949

Tribe THORICTINI Agassiz, 1846

Subfamily ORPHILINAE LeConte, 1861

Subfamily TRINODINAE Casey, 1900

†Tribe CRETONODINI Kirejtshuk and Azar, 2009

Tribe THYLODRIINI Semenov, 1909

Tribe TRINODINI Casey, 1900

Tribe TRINOPARVINI Háva, 2010

Subfamily ATTAGENINAE Laporte, 1840

Tribe ATTAGENINI Laporte, 1840

Tribe EGIDYELLINI Semenov, 1914

Subfamily MEGATOMINAE Leach, 1815

Tribe ANTHRENINI Gistel, 1848

Tribe MEGATOMINI Leach, 1815

Family ENDECATOMIDAE LeConte, 1861

Family BOSTRICHIDAE Latreille, 1802

Subfamily DYSIDINAE Lesne, 1921

Subfamily POLYCAONINAE Lesne, 1896

Subfamily BOSTRICHINAE Latreille, 1802

Tribe APATINI Billberg, 1820

Tribe BOSTRICHINI Latreille, 1802

Tribe DINAPATINI Lesne, 1910

Tribe SINOXYLINI Marseul, 1857

Tribe XYLOPERTHINI Lesne, 1921

Subfamily PSOINAE Blanchard, 1851

- Subfamily DINODERINAE Thomson, 1863**
- Subfamily LYCTINAE Billberg, 1820**
 - Tribe LYCTINI Billberg, 1820
 - Tribe TROGOXYLINI Lesne, 1921
- Subfamily EUDERIINAE Lesne, 1934**
- Family PTINIDAE Latreille, 1802**
 - Subfamily EUCRADINAE LeConte, 1861**
 - Tribe EUCRADINI LeConte, 1861
 - Tribe HEDOBIIINI Mulsant and Rey, 1868
 - Subfamily PTININAE Latreille, 1802**
 - Tribe GIBBIINI Jacquelin du Val, 1860
 - Tribe MEZIINI Bellés, 1985
 - Tribe PTININI Latreille, 1802
 - Tribe SPHAERICINI Portevin, 1931
 - Subfamily DRYOPHILINAE Gistel, 1848**
 - Tribe DRYOPHILINI Gistel, 1848
 - Tribe PTILINEURINI Böving, 1927
 - Subfamily ERNOBIINAE Pic, 1912**
 - Subfamily ANOBIINAE Fleming, 1821**
 - Subfamily PTILININAE Shuckard, 1839**
 - Subfamily ALVARENGANIELLINAE Viana and Martínez, 1971**
 - Subfamily Xyletininae Gistel, 1848**
 - Tribe LASIODERMINI Böving, 1927
 - Tribe METHOLCINI Zahradník, 2009
 - Tribe Xyletinini Gistel, 1848
 - Subfamily DORCATOMINAE Thomson, 1859**
 - Subfamily MESOCOELOPODINAE Mulsant and Rey, 1864**
 - Tribe TRICORYNINI White, 1971
 - Tribe MESOCOELOPODINI Mulsant and Rey, 1864

Series CUCUJIFORMIA

- Superfamily LYMEXYLOIDEA Fleming, 1821**
- Family LYMEXYLIDAE Fleming, 1821**
 - Subfamily HYLECOETINAE Germar, 1818**
 - Subfamily LYMEXYLINAE Fleming, 1821**
 - Subfamily ATRACTOCERINAE Laporte, 1840**
 - Subfamily MELITTOMMATINAE Wheeler, 1986**
- Superfamily CLEROIDEA Latreille, 1802**
- Family PHLOIOPHILIDAE Kiesenwetter, 1863**
- Family TROGOSSITIDAE Latreille, 1802**
 - Subfamily PELTINAE Latreille, 1806**

Tribe ANCYRONINI Kolibáč, 2006

Tribe COLYDIOPELTINI Kolibáč, 2006

Tribe DECAMERINI Crowson, 1964

Tribe LOPHOCATERINI Crowson, 1964 *nomen protectum*

Tribe PELTINI Latreille, 1806

Tribe THYMALINI Lèveillé, 1888

Subfamily TROGOSSITINAE Latreille, 1802

Tribe CALITYINI Reitter, 1922

Tribe EGOLIINI Lacordaire, 1854

Tribe GYMNOCHILINI Lacordaire, 1854

Tribe LARINOTINI Ślipiński, 1992

†Tribe LITHOSTOMATINI Kolibáč and Huang, 2008

Tribe TROGOSSITINI Latreille, 1802

Family CHAETOSOMATIDAE Crowson, 1952

Family METAXINIDAE Kolibáč, 2004

Family THANEROCLERIDAE Chapin, 1924

Subfamily ZENODOSINAE Kolibáč, 1992

Subfamily THANEROCLERINAE Chapin, 1924

Tribe ISOCLERINI Kolibáč, 1992

Tribe THANEROCLERINI Chapin, 1924

Tribe VITICLERINI Winkler, 1982

Family CLERIDAE Latreille, 1802

Subfamily TILLINAE Fischer von Waldheim, 1813

Subfamily HYDNOCERINAE Spinola, 1844

Tribe CALLIMERINI Kolibáč, 1998

Tribe HYDNOCERINI Spinola, 1844

Tribe LEMIDIINI Kolibáč, 1998

Subfamily CLERINAE Latreille, 1802

Subfamily KORYNETINAE Laporte, 1836

Family ACANTHOCNEMIDAE Crowson, 1964

Family PHYCOSECIDAE Crowson, 1952

Family PRIONOCERIDAE Lacordaire, 1857

Tribe LOBONYCHINI Majer, 1987

Tribe PRIONOCERINI Lacordaire, 1857

Family MAURONISCIDAE Majer, 1995

Family MELYRIDAE Leach, 1815

Subfamily RHADALINAE LeConte, 1861

Subfamily MELYRINAE Leach, 1815

Tribe ARTHROBRACHINI Majer, 1987

Tribe ASTYLINI Pic, 1929

Tribe CERALLINI Pic, 1929

Tribe MELYRINI Leach, 1815

Subfamily DASYTINAE Laporte, 1840

- Tribe CHAETOMALACHIINI Majer, 1987
- Tribe DANACEINI Thomson, 1859
- Tribe DASYTINI Laporte, 1840
- Tribe GIETELLINI Constantin and Menier, 1987
- Tribe LISTRINI Majer, 1990

Subfamily MALACHIINAE Fleming, 1821

- Tribe AMALTHOCINI Majer, 2002
- Tribe ATTALOMIMINI Majer, 1995
- Tribe CARPHURINI Champion, 1923
- Tribe LEMPHINI Wittmer, 1976
- Tribe MALACHIINI Fleming, 1821
- Tribe PAGURODACTYLINI Constantin, 2001

Superfamily CUCUJOIDEA Latreille, 1802

†Family PARANDREXIDAE Kirejtshuk, 1994

†Family SINISILVANIDAE Hong, 2002

Family BOGANIIDAE Sen Gupta and Crowson, 1966

Subfamily PARACUCUJINAE Endrödy-Younga and Crowson, 1986

Subfamily BOGANIINAE Sen Gupta and Crowson, 1966

Family BYTURIDAE Gistel, 1848

Subfamily PLATYDASCILLINAE Pic, 1914

Subfamily BYTURINAE Gistel, 1848

Family HELOTIDAE Chapuis, 1876

Family PROTOCUCUJIDAE Crowson, 1954

Family SPHINDIDAE Jacquelin du Val, 1860

Subfamily PROTOSPHINDINAE Sen Gupta and Crowson, 1979

Subfamily ODONTOSPHINDINAE Sen Gupta and Crowson, 1979

Subfamily SPHINDIPHORINAE Sen Gupta and Crowson, 1979

Subfamily SPHINDINAE Jacquelin du Val, 1860

Family BIPHYLLIDAE LeConte, 1861

Family EROTYLIDAE Latreille, 1802

Subfamily XENOSCELINAE Ganglbauer, 1899

Subfamily PHARAXONOTHINAE Crowson, 1952

Subfamily LOBERINAE Bruce, 1951

Subfamily LANGURIINAE Hope, 1840

Tribe HAPALIPINI Leschen, 2003

Tribe LANGURIINI Hope, 1840

Tribe THALLISELLINI Sen Gupta, 1968

Subfamily CRYPTOPHILINAE Casey, 1900

Tribe CRYPTOPHILINI Casey, 1900

Tribe EMPOCRYPTINI Leschen, 2003

Tribe TORAMINI Sen Gupta, 1967

Subfamily EROTYLINAE Latreille, 1802

- Tribe DACNINI Gistel, 1848
- Tribe ENCAUSTINI Crotch, 1876
- Tribe EROTYLINI Latreille, 1802
- Tribe MEGALODACNINI Sen Gupta, 1970
- Tribe TRITOMINI Curtis, 1834
- Family MONOTOMIDAE Laporte, 1840**
 - Subfamily RHIZOPHAGINAE Redtenbacher, 1845**
 - Subfamily MONOTOMINAE Laporte, 1840**
 - Tribe EUROPINI Sen Gupta, 1988
 - Tribe LENACINI Crowson, 1952
 - Tribe MONOTOMINI Laporte, 1840
 - †Tribe RHIZOPHTOMINI Kirejtshuk and Azar, 2009
 - Tribe THIONINI Crowson, 1952
- Family HOBARTIIDAE Sen Gupta and Crowson, 1966**
- Family CRYPTOPHAGIDAE Kirby, 1826**
 - Subfamily CRYPTOPHAGINAE Kirby, 1826**
 - Tribe CAENOSCELINI Casey, 1900
 - Tribe CRYPTOPHAGINI Kirby, 1826
 - Tribe PICROTINI Crowson, 1980
 - Subfamily ATOMARIINAE LeConte, 1861**
 - Tribe ATOMARIINI LeConte, 1861
 - Tribe CRYPTAFRICINI Leschen, 1996
 - Tribe HYPOCOPRINI Reitter, 1879
- Family AGAPYTHIDAE Sen Gupta and Crowson, 1969**
- Family PRIASILPHIDAE Crowson, 1973**
- Family PHLOEOSTICHIDAE Reitter, 1911**
- Family SILVANIDAE Kirby, 1837**
 - Subfamily BRONTINAE Blanchard, 1845**
 - Tribe BRONTINI Blanchard, 1845
 - Tribe TELEPHANINI LeConte, 1861
 - Subfamily SILVANINAE Kirby, 1837**
- Family CUCUJIDAE Latreille, 1802**
- Family MYRABOLIIDAE Lawrence and Britton, 1991**
- Family CAVOGNATHIDAE Sen Gupta and Crowson, 1966**
- Family LAMINGTONIIDAE Sen Gupta and Crowson, 1969**
- Family PASSANDRIDAE Blanchard, 1845**
- Family PHALACRIDAE Leach, 1815**
 - Subfamily PHAENOCEPHALINAE Matthews, 1899**
 - Subfamily PHALACRINAE Leach, 1815**
- Family PROPALTICIDAE Crowson, 1952**
- Family LAEMOPHLOEIDAE Ganglbauer, 1899**
- Family TASMOSALPINGIDAE Lawrence and Britton, 1991**
- Family CYCLAXYRIDAE Gimmel, Leschen and Šlipiński, 2009**

Family KATERETIDAE Kirby, 1837**Family NITIDULIDAE Latreille, 1802****Subfamily CALONECRINAE Kirejtshuk, 1982****Subfamily MAYNIPELINAE Kirejtshuk, 1998****Subfamily EPURAEINAE Kirejtshuk, 1986**

Tribe EPURAEINI Kirejtshuk, 1986

Tribe TAENIONCINI Kirejtshuk, 1998

Subfamily CARPOPHILINAE Erichson, 1842**Subfamily AMPHICROSSINAE Kirejtshuk, 1986****Subfamily MELIGETHINAE Thomson, 1859****Subfamily NITIDULINAE Latreille, 1802**

Tribe CYCHRAMINI Gistel, 1848

Tribe CYCHRAMPTODINI Kirejtshuk and Lawrence, 1992

Tribe CYLLODINI Everts, 1898

Tribe LAWRENCEROSINI Kirejtshuk, 1991

Tribe MYSTROPINI Murray, 1864

Tribe NITIDULINI Latreille, 1802

Subfamily CILLAEINAE Kirejtshuk and Audisio, 1986**Subfamily CRYPTARCHINAE Thomson, 1859**

Tribe ARHININI Kirejtshuk, 1987

Tribe CRYPTARCHINI Thomson, 1859

Tribe EUCALOSPHAERINI Kirejtshuk, 1987

Tribe PLATYARCHINI Kirejtshuk, 1998

Subfamily CYBOCEPHALINAE Jacquelin du Val, 1858**Family SMICRIDAE Horn, 1880****Family BOTHRIDERIDAE Erichson, 1845****Subfamily TEREDINAE Seidlitz, 1888**

Tribe SOSYLOPSINI Dajoz, 1980

Tribe SYSOLINI Ślipiński and Pal, 1985

Tribe TEREDINI Seidlitz, 1888

Subfamily XYLARIOPHILINAE Pal and Lawrence, 1986**Subfamily ANOMMATINAE Ganglbauer, 1899****Subfamily BOTHRIDERINAE Erichson, 1845****Family CERYLONIDAE Billberg, 1820****Subfamily EUXESTINAE Grouvelle, 1908****Subfamily LOEBLIORYLONINAE Ślipiński, 1990****Subfamily OSTOMOPSINAE Sen Gupta and Crowson, 1973****Subfamily MURMIDIINAE Jacquelin du Val, 1858****Subfamily CERYLONINAE Billberg, 1820****Family ALEXIIDAE Imhoff, 1856****Family DISCOLOMATIDAE Horn, 1878****Subfamily NOTIOPHYGINAE Jakobson, 1915**

Tribe DYSTHEAMONINI John, 1954

- Tribe NOTIOPHYGINI Jakobson, 1915
- Tribe PACHYPLACINI John, 1954
- Subfamily DISCOLOMATINAE Horn, 1878**
- Subfamily APHANOCEPHALINAE Jakobson, 1904**
- Subfamily CEPHALOPHANINAE John, 1954**
- Subfamily PONDONATINAE John, 1954**
- Family ENDOMYCHIDAE Leach, 1815**
 - Subfamily MEROPHYSIINAE Seidlitz, 1872**
 - Subfamily PLEGANOPHORINAE Jacquelin du Val, 1858**
 - Subfamily ANAMORPHINAE Strohecker, 1953**
 - Subfamily LEIESTINAE Thomson, 1863**
 - Subfamily MYCETAEINAE Jacquelin du Val, 1857**
 - Subfamily EUPSILOBIINAE Casey, 1895**
 - Subfamily XENOMYCETINAE Strohecker, 1962**
 - Subfamily DANASCELINAE Tomaszewska, 2000**
 - Subfamily ENDOMYCHINAE Leach, 1815**
 - Subfamily EPIPOCINAE Gorham, 1873**
 - Subfamily STENOTARSINAE Chapuis, 1876**
 - Subfamily LYCOPERDININAE Bromhead, 1838**
- Family COCCINELLIDAE Latreille, 1807**
 - Subfamily MICROWEISEINAE Leng, 1920**
 - Tribe MICROWEISEINI Leng, 1920
 - Tribe SERANGIINI Pope, 1962
 - Tribe SUKUNAHIKONINI Kamiya, 1960
 - Subfamily COCCINELLINAE Latreille, 1807**
 - Tribe ARGENTIPILOSINI Gordon and de Almeida, 1991
 - Tribe ASPIDIMERINI Mulsant, 1850
 - Tribe AZYINI Mulsant, 1850
 - Tribe BRACHIACANTHINI Mulsant, 1850
 - Tribe CARINODULINI Gordon, Pakaluk and Ślipiński, 1989
 - Tribe CEPHALOSCYMNINI Gordon, 1985
 - Tribe CHILOCORINI Mulsant, 1846
 - Tribe CHNOODINI Mulsant, 1850
 - Tribe COCCIDULINI Mulsant, 1846
 - Tribe COCCINELLINI Latreille, 1807
 - Tribe CRANOPHORINI Mulsant, 1850
 - Tribe CRYPTOGNATHINI Mulsant, 1850
 - Tribe CYNEGETINI Thomson, 1866
 - Tribe DIOMINI Gordon, 1999
 - Tribe EPILACHNINI Mulsant, 1846
 - Tribe EPIVERTINI Pang and Mao, 1979
 - Tribe EREMOCHILINI Gordon and Vanderberg, 1987
 - Tribe HYPERASPIDINI Mulsant, 1846

Tribe LIMNICHOPHARINI Miyatake, 1994

Tribe MONOCORYNINI Miyatake, 1988

Tribe NOVIINI Mulsant, 1846

Tribe ORTALIINI Mulsant, 1850

Tribe ORYSSOMINI Gordon, 1974

Tribe PLATYNASPINI Mulsant, 1846

Tribe PLOTININI Miyatake, 1994

Tribe PORIINI Mulsant, 1850

Tribe SCYMNILLINI Casey, 1899

Tribe SCYMNINI Mulsant, 1846

Tribe SELVADIINI Gordon, 1985

Tribe SHIROZUELLINI Sasaji, 1967

Tribe STETHORINI Dobzhansky, 1924

Tribe STICHOLOTIDINI Weise, 1901

Tribe TELSIMIINI Casey, 1899

Tribe TETRABRACHINI Kapur, 1948

Family CORYLOPHIDAE LeConte, 1852

Subfamily PERIPTYCTINAE Ślipiński, Lawrence and Tomaszewska, 2001

Subfamily CORYLOPHINAE LeConte, 1852

Tribe AENIGMATICINI Casey, 1900

Tribe CLEIDOSTETHINI Bowstead, Booth, Ślipiński and Lawrence, 2001

Tribe CORYLOPHINI LeConte, 1852

Tribe FOADIINI Ślipiński, Tomaszewska and Lawrence, 2009

Tribe ORTHOPERINI Jacquelin du Val, 1857

Tribe PARMULINI Poey, 1854

Tribe PELTINODINI Paulian, 1950

Tribe RYPOBIINI Paulian, 1950

Tribe SERICODERINI Matthews, 1888

Tribe TEPLININI Pakaluk, Ślipiński and Lawrence, 1994

Family AKALYPTOISCHIIDAE Lord, Hartley, Lawrence, McHugh and Miller, 2010

Family LATRIDIIDAE Erichson, 1842

Subfamily LATRIDIIINAE Erichson, 1842

Subfamily CORTICARIINAE Curtis, 1829

†Subfamily TETRAMEROPSEINAE Kirejtshuk and Azar, 2008

Superfamily TENEBRIONOIDEA Latreille, 1802

Family MYCETOPHAGIDAE Leach, 1815

Subfamily ESARCINAE Reitter, 1882

Subfamily MYCETOPHAGINAE Leach, 1815

Tribe MYCETOPHAGINI Leach, 1815

Tribe TYPHAEINI Thomson, 1863

Subfamily BERGININAE Leng, 1920

Family ARCHEOCRYPTICIDAE Kaszab, 1964

Family PTEROGENIIDAE Crowson, 1953

Family CIIDAE Leach, 1819

Subfamily SPHINDOCIINAE Lawrence, 1974

Subfamily CIINAE Leach, 1819

Tribe CIINI Leach, 1819

Tribe OROPHIINI Thomson, 1863

Tribe XYLOGRAPHELLINI Kawanabe and Miyatake, 1996

Subtribe SYNCOSMETINA Lopes-Andrade, 2008

Subtribe XYLOGRAPHELLINA Kawanabe and Miyatake, 1996

Family TETRATOMIDAE Billberg, 1820

Subfamily TETRATOMINAE Billberg, 1820

Subfamily PISENINAE Miyatake, 1960

Subfamily PENTHINAE Lacordaire, 1859

Subfamily HALLOMENINAE Gistel, 1848

Subfamily EUSTROPHINAE Gistel, 1848

Tribe EUSTROPHINI Gistel, 1848

Tribe HOLOSTROPHINI Nikitsky, 1998

Family MELANDRYIDAE Leach, 1815

Subfamily MELANDRYINAE Leach, 1815

Tribe ANISOXIELLINI Nikitsky, 2007

Tribe DIRCAEINI Kirby, 1837

Tribe HYPULINI Gistel, 1848

Tribe MELANDRYINI Leach, 1815

Tribe ORCHESIINI Mulsant, 1856

Tribe SERROPALPINI Latreille, 1829

Tribe XYLITINI Thomson, 1864

Tribe ZILORINI Desbrochers des Loges, 1900

Subfamily OSPHYINAE Mulsant, 1856 (1839)

Family MORDELLIDAE Latreille, 1802

Subfamily CTENIDIINAE Franciscolo, 1951

Subfamily MORDELLINAE Latreille, 1802

Tribe CONALIINI Ermisch, 1956

Tribe MORDELLINI Latreille, 1802

Tribe MORDELLISTENINI Ermisch, 1941

Tribe REYNOLDSIELLINI Franciscolo, 1957

Tribe STENALIINI Franciscolo, 1955

Family RIPIPHORIDAE Gemminger, 1870 (1855)

Subfamily PTILOPHORINAE Gerstaecker, 1855

Subfamily PELECOTOMINAE Scidlitz, 1875

Subfamily HEMIRHIPIDIINAE Heller, 1921

Subfamily RIPIDIINAE Gerstaecker, 1855

Tribe EORHIPIDIINI Iablokoff-Khnzorian, 1986

Tribe RIPIDIINI Gerstaecker, 1855

Subfamily RIPIPHORINAE Gemminger, 1870 (1855)

Tribe MACROSIAGONINI Heyden, 1908

Tribe RIPIPHORINI Gemminger, 1870 (1855)

Family ZOPHERIDAE Solier, 1834**Subfamily COLYDIINAE Billberg, 1820**

Tribe ACROPINI Sharp, 1894

Tribe ADIMERINI Sharp, 1894

Tribe COLYDIINI Billberg, 1820

Tribe GEMPYLODINI Sharp, 1893

Tribe NEMATIDIINI Horn, 1878

Tribe ORTHOCERINI Blanchard, 1845

Tribe RHAGODERINI Horn, 1878

Tribe RHOPALOCERINI Reitter, 1911

Tribe SYNCHITINI Erichson, 1845

Subfamily ZOPHERINAE Solier, 1834

Tribe LATOMETINI Ślipiński and Lawrence, 1999

Tribe MONOMMATINI Blanchard, 1845

Tribe PHELLOPSINI Ślipiński and Lawrence, 1999

Tribe PYCNOMERINI Erichson, 1845

Tribe USECHINI Horn, 1867

Tribe ZOPHERINI Solier, 1834

Family ULODIDAE Pascoe, 1869**Family PROMECHEILIDAE Lacordaire, 1859****Family CHALCODRYIDAE Watt, 1974****Family TRACHELOSTENIDAE Lacordaire, 1859****Family TENEBRIONIDAE Latreille, 1802****Subfamily ZOLODININAE Watt, 1975****Subfamily LAGRIINAE Latreille, 1825 (1820)**

Tribe ADELIINI Kirby, 1828

Tribe BELOPINI Reitter, 1917

Tribe CHAERODINI Doyen, Matthews and Lawrence, 1990

Tribe COSSYPHINI Latreille, 1802

Tribe GONIADERINI Lacordaire, 1859

Tribe LAENINI Seidlitz, 1895

Tribe LAGRIINI Latreille, 1825 (1820)

Subtribe LAGRIINA Latreille, 1825 (1820)

Subtribe STATIRINA Blanchard, 1845

Tribe LUPROPINI Ardoin, 1958

Tribe PYCNOCERINI Lacordaire, 1859 *nomen protectum***Subfamily NILIONINAE Oken, 1843****Subfamily PHRENAPATINAE Solier, 1834**

Tribe ARCHAEOGLENINI Watt, 1975

Tribe PENETINI Lacordaire, 1859

Tribe PHRENAPATINI Solier, 1834

Subfamily PIMELIINAE Latreille, 1802

Tribe ADELSTOMINI Solier, 1834

Tribe ADESMIINI Lacordaire, 1859 *nomen protectum*

Tribe AKIDINI Billberg, 1820

Tribe ANEPIINI LeConte, 1862

Tribe ASIDINI Fleming, 1821

Tribe BOROMORPHINI Skopin, 1978

Tribe BRANCHINI LeConte, 1862

Tribe CAENOCRYPTICINI Koch, 1958

Tribe CERATANISINI Gebien, 1937

Tribe CNEMEPLATIINI Jacquelin du Val, 1861

Subtribe ACTIZETINA Watt, 1992

Subtribe CNEMEPLATIINA Jacquelin du Val, 1861

Subtribe RONDONIELLINA Ferrer and Moragues, 2000

Subtribe THORICTOSOMATINA Watt, 1992

Tribe CNEMODININI Gebien, 1910

Tribe CONIONTINI Waterhouse, 1858

Tribe COSSYPHODINI Wasmann, 1899

Subtribe COSSYPHODINA Wasmann, 1899

Subtribe COSSYPHODITINA Basilewsky, 1950

Subtribe ESEMEPHINA Steiner, 1980

Subtribe PARAMELLONINA Andreae, 1961

Tribe CRYPTOCHILINI Solier, 1841

Subtribe CALOGNATHINA Lacordaire, 1859

Subtribe CRYPTOCHILINA Solier, 1841

Subtribe HOMEBIINA Endrödy-Younga, 1989

Subtribe HORATOMINA Koch, 1955

Subtribe VANSONIINA Koch, 1955

Tribe CRYPTOGLOSSINI LeConte, 1862 *nomen protectum*

Tribe EDROTINI Lacordaire, 1859

Tribe ELENOPHORINI Solier, 1837

Tribe EPITRAGINI Blanchard, 1845 *nomen protectum*

Tribe ERODIINI Billberg, 1820 *nomen protectum*

Tribe EVANIOSOMINI Lacordaire, 1859

Tribe FALSOMYCTERINI Gebien, 1910

Tribe IDISIINI Medvedev, 1973

Tribe KLEWARIINI Gebien, 1910

Tribe KUHTANGIINI Medvedev, 1962

Tribe LACHNOGYINI Seidlitz, 1894

Subtribe LACHNODACTYLINA Reitter, 1904

Subtribe LACHNOGYINA Seidlitz, 1894

Subtribe NETUSCHILIINA Ferrer and Yvinec, 2004

- Tribe LEPTODINI Lacordaire, 1859
- Tribe NYCTELIINI Solier, 1834
- Tribe NYCTOPORINI Lacordaire, 1859
- Tribe PHRYNOCARENINI Gebien, 1928
- Tribe PHYSOGASTERINI Lacordaire, 1859
- Tribe PIMELIINI Latreille, 1802
- Tribe PRAOCIINI Eschscholtz, 1829
- Tribe SEPIDIINI Eschscholtz, 1829
 - Subtribe HYPOMELINA Koch, 1955
 - Subtribe MOLURINA Solier, 1834
 - Subtribe OXURINA Koch, 1955
 - Subtribe PHANEROTOMEINA Koch, 1958
 - Subtribe SEPIDIINA Eschscholtz, 1829
 - Subtribe TRACHYNOTINA Koch, 1955
- Tribe STENOSINI Schaum, 1859 (1834)
- Tribe TENTYRIINI Eschscholtz, 1831
- Tribe THINOBATINI Lacordaire, 1859
- Tribe TRILOBOCARINI Lacordaire, 1859
- Tribe VACRONINI Gebien, 1910
- Tribe ZOPHOSINI Solier, 1834

Subfamily TENEBRIONINAE Latreille, 1802

- Tribe ACROPTERONINI Doyen, 1989
- Tribe ALPHITOBIINI Reitter, 1917
- Tribe AMARYGMINI Gistel, 1848
- Tribe AMPHIDORINI LeConte, 1862
- Tribe APOCRYPHINI Lacordaire, 1859
- Tribe BLAPTINI Leach, 1815
 - Subtribe BLAPTINA Leach, 1815
 - Subtribe GNAPTORINA Medvedev, 2001
 - Subtribe GNAPTORININA Medvedev, 2001
 - Subtribe PROSODINA Skopin, 1960
 - Subtribe REMIPEDELLINA Semenov, 1907
- Tribe BOLITOPHAGINI Kirby, 1837 *nomen protectum*
- Tribe CENTRONOPINI Doyen, 1989
- Tribe CERENOPINI Horn, 1870
- Tribe DISSONOMINI Medvedev, 1968
- Tribe EULABINI Horn, 1870
- Tribe FALSOCOSSYPHINI Ferrer, 2006
- Tribe HELEINI Fleming, 1821
 - Subtribe ASPHALINA Matthews and Lawrence, 2005
 - Subtribe CYPHALEINA Lacordaire, 1859
 - Subtribe HELEINA Fleming, 1821
- Tribe HELOPINI Latreille, 1802

- Subtribe HELOPINA Latreille, 1802
- Subtribe CYLINDRINOTINA Español, 1956
- Tribe HELOPININI Lacordaire, 1859
 - Subtribe APTILINA Koch, 1958
 - Subtribe HELOPININA Lacordaire, 1859
 - Subtribe MICRANTEREINA Reitter, 1917
 - Subtribe ONCOSOMINA Koch, 1958
- Tribe MELANIMONINI Seidlitz, 1894 (1854)
- Tribe OPATRINI Brullé, 1832
 - Subtribe HETEROCHEIRINA Koch, 1956
 - Subtribe HETEROTARSINA Blanchard, 1845
 - Subtribe OPATRINA Brullé, 1832
 - Subtribe NEOPACHYPTERINA Bouchard, Löbl and Merkl, 2007
- Tribe PALORINI Matthews, 2003
- Tribe PEDININI Eschscholtz, 1829
 - Subtribe DENDARINA Mulsant and Rey, 1854
 - Subtribe EURYNOTINA Mulsant and Rey, 1854
 - Subtribe LEICHENINA Mulsant, 1854
 - Subtribe LOENSINA Koch, 1956
 - Subtribe MELAMBIINA Mulsant and Rey, 1854
 - Subtribe PEDININA Eschscholtz, 1829
 - Subtribe PLATYNOTINA Mulsant and Rey, 1853
 - Subtribe PYTHIOPINA Koch, 1953
- Tribe PLATYSCELIDINI Lacordaire, 1859
- Tribe PRAEUGENINI De Moor, 1970
- Tribe RHYSOPAUSSINI Wasmann, 1896
- Tribe SCAURINI Billberg, 1820
- Tribe SCOTOBIINI Solier, 1838
- Tribe TENEBRIONINI Latreille, 1802
- Tribe TITAENINI Fauvel, 1905
- Tribe TOXICINI Oken, 1843
 - Subtribe EUDYSANTINA Bouchard, Lawrence, Davies and Newton, 2005
 - Subtribe NYCTEROPINA Lacordaire, 1859
 - Subtribe TOXICINA Oken, 1843
- Tribe TRIBOLIINI Gistel, 1848
- Tribe ULOMINI Blanchard, 1845
- Subfamily ALLECULINAE Laporte, 1840**
 - Tribe ALLECULINI Laporte, 1840
 - Subtribe ALLECULINA Laporte, 1840
 - Subtribe GONODERINA Seidlitz, 1896
 - Subtribe MYCETOCHARINA Gistel, 1848
 - Subtribe XYSTROPODINA Solier, 1835
 - Tribe CTENIOPODINI Solier, 1835

Subfamily DIAPERINAE Latreille, 1802

Tribe CRYPTICINI Brullé, 1832

Tribe DIAPERINI Latreille, 1802

Subtribe ADELININA LeConte, 1862

Subtribe DIAPERINA Latreille, 1802

Tribe ECTYCHINI Doyen, Matthews and Lawrence, 1990

Tribe GNATHIDIINI Gebien, 1921

Subtribe ANOPIDIINA Jeannel and Paulian, 1945

Subtribe GNATHIDIINA Gebien, 1921

Tribe HYOCIINI Medvedev and Lawrence, 1982

Subtribe BRITTONINA Medvedev and Lawrence, 1986

Subtribe HYOCIINA Medvedev and Lawrence, 1982

Subtribe UPTONINA Medvedev and Lawrence, 1986

Tribe HYOPHLAEINI Billberg, 1820

Tribe LEOCHRININI Lewis, 1894

Tribe MYRMECHIXENINI Jacquelin du Val, 1858

Tribe PHALERIINI Blanchard, 1845

Tribe SCAPHIDEMINI Reitter, 1922

Tribe TRACHYSCELINI Blanchard, 1845

Subfamily STENOCHIINAE Kirby, 1837

Tribe CNODALONINI Oken, 1843

Tribe STENOCHIINI Kirby, 1837

Tribe TALANINI Champion, 1887 (1883)

Family PROSTOMIDAE Thomson, 1859**Family SYNCHROIDAE Lacordaire, 1859****Family STENOTRACHELIDAE Thomson, 1859****Subfamily STENOTRACHELINAE Thomson, 1859****Subfamily CEPHALOINAE LeConte, 1862****Subfamily NEMATOPLINEAE LeConte, 1862****Subfamily STOLIINAE Nikitsky, 1985****Family OEDEMERIDAE Latreille, 1810****Subfamily POLYPRIINAE Lawrence, 2005****Subfamily CALOPODINAE Costa, 1852 *nomen protectum*****Subfamily OEDEMERINAE Latreille, 1810**

Tribe ASCLERINI Gistel, 1848

Tribe DITYLINI Mulsant, 1858

Tribe NACERDINI Mulsant, 1858

Tribe OEDEMERINI Latreille, 1810

Tribe STENOSTOMATINI Mulsant, 1858

Family MELOIDAE Gyllenhal, 1810**Subfamily ELETICINAE Wellman, 1910**

Tribe DERIDEINI Wellman, 1910

Tribe ELETICINI Wellman, 1910

- Subtribe ELETICINA Wellman, 1910
- Subtribe EOSPASTINA Selander, 1966
- Tribe ERTLIANINI Selander, 1966
- Tribe SPASTICINI Kaszab, 1959
 - Subtribe ANTHICOXENINA Selander, 1966
 - Subtribe PROTOMELOINA Abdullah, 1965
 - Subtribe SPASTICINA Kaszab, 1959
 - Subtribe XENOSPASTINA Selander, 1966
- Subfamily MELOINAE Gyllenhal, 1810**
 - Tribe CEROCOMINI Leach, 1815
 - Tribe EPICAUTINI Parker and Böving, 1924
 - Tribe EUPOMPHINI LeConte, 1862
 - Tribe LYTTINI Solier, 1851
 - Tribe MELOINI Gyllenhal, 1810
 - Tribe MYLABRINI Rafinesque, 1815
 - Tribe PYROTINI MacSwain, 1956
- Subfamily TETRAONYCINAE Böving and Craighead, 1931**
- Subfamily NEMOGNATHINAE Laporte, 1840**
 - Tribe HORIINI Latreille, 1802
 - Tribe NEMOGNATHINI Laporte, 1840
 - Subtribe NEMOGNATHINA Laporte, 1840
 - Subtribe ZONITIDINA Mulsant, 1857
 - Subtribe SITARINA Mulsant, 1857
 - Tribe STENODERINI Selander, 1991
- Family MYCTERIDAE Oken, 1843**
 - Subfamily MYCTERINAE Oken, 1843**
 - Subfamily EURYPINAE Thomson, 1860**
 - Subfamily HEMIPEPLINAE Lacordaire, 1854**
- Family BORIDAE Thomson, 1859**
 - Subfamily BORINAE Thomson, 1859**
 - Subfamily SYNERCTICINAE Lawrence and Pollock, 1994**
- Family TRICTENOTOMIDAE Blanchard, 1845**
- Family PYTHIDAE Solier, 1834**
- Family PYROCHROIDAE Latreille, 1806**
 - Subfamily TYDESSINAE Nikitsky, 1986**
 - Subfamily PILIPALPINAE Abdullah, 1964**
 - Subfamily PEDILINAE Lacordaire, 1859**
 - Subfamily PYROCHROINAE Latreille, 1806**
 - Subfamily AGNATHINAE Lacordaire, 1859**
- Family SALPINGIDAE Leach, 1815**
 - Subfamily OTHNIINAE LeConte, 1861**
 - Subfamily PROSTOMINIINAE Grouvelle, 1914**
 - Subfamily AGLENINAE Horn, 1878**

Subfamily INOPELINAЕ Grouvelle, 1908

Subfamily DACODERINAE LeConte, 1862

Subfamily AEGIALITINAE LeConte, 1862

Subfamily SALPINGINAE Leach, 1815

Family ANTHICIDAE Latreille, 1819

Subfamily EURYGENIINAE LeConte, 1862

Tribe EURYGENIINI LeConte, 1862

Tribe ICTISTYGNINI Borchmann, 1936

Tribe MITRAELABRINI Abdullah, 1969

Subfamily MACRATRIINAE LeConte, 1862

Tribe MACRATRIINI LeConte, 1862

†Tribe CAMELOMORPHINI Kirejtshuk and Azar, 2008

Subfamily STEROPINAE Jacquelin du Val, 1863

Subfamily COPOBAENINAE Abdullah, 1969

Subfamily LEMODINAE Lawrence and Britton, 1991

Subfamily TOMODERINAE Bonadona, 1961

Subfamily ANTHICINAE Latreille, 1819

Tribe ANTHICINI Latreille, 1819

Tribe ENDOMIINI Kaszab, 1956

Tribe FORMICOMINI Bonadona, 1974

Tribe MICROHORIINI Bonadona, 1974

Subfamily NOTOXINAE Stephens, 1829

Family ADERIDAE Csiki, 1909

Tribe ADERINI Csiki, 1909

Subtribe ADERINA Csiki, 1909

Subtribe CNOPINA Báguena Corella, 1948

Subtribe GOMPELINA Bouchard, 2011

Subtribe SYZETONININA Báguena Corella, 1948

Tribe EMELININI Báguena Corella, 1948

Tribe EUGLENESINI Seidlitz, 1875

Subtribe EUGLENESINA Seidlitz, 1875

Subtribe PSEUDOLOTELINA Báguena Corella, 1948

Tribe PHYTOBAENINI Báguena Corella, 1948

Family SCRAPHIIDAE Gistel, 1848

Subfamily SCRAPHIINAE Gistel, 1848

Tribe ALLOPODINI Franciscolo, 1964

Tribe SCRAPHIINI Gistel, 1848

Subfamily ANASPIDINAE Mulsant, 1856

Tribe ANASPIDINI Mulsant, 1856

Tribe ANASPIMORDINI Franciscolo, 1954

Tribe MENUTHIANASPIDINI Franciscolo, 1972

Tribe PENTARIINI Franciscolo, 1954

Subfamily LAGRIOIDINAE Abdullah and Abdullah, 1968

Subfamily AFREMINAE Levey, 1985

Subfamily ISCHALIINAE Blair, 1920

Superfamily CHRYSOMELOIDEA Latreille, 1802

Family OXYPELTIDAE Lacordaire, 1868

Family VESPERIDAE Mulsant, 1839

Subfamily PHILINAE Thomson, 1861

Subfamily VESPERINAE Mulsant, 1839

Subfamily ANOPLODERMATINAE Guérin-Ménéville, 1840

Tribe ANOPLODERMATINI Guérin-Ménéville, 1840

Tribe HYPOCEPHALINI Blanchard, 1845

Tribe MYSTERIINI Prosen, 1960

Family DISTENIIDAE Thomson, 1861

Tribe CYRTONOPINI Gressitt, 1940

Tribe DISTENIINI Thomson, 1861

Tribe DYNAMOSTINI Lacordaire, 1868

Tribe HETEROPALPINI Villiers, 1961

Family CERAMBYCIDAE Latreille, 1802

Subfamily PARANDRINAE Blanchard, 1845

Tribe ERICHSONIINI Thomson, 1861

Tribe PARANDRINI Blanchard, 1845

Subfamily PRIONINAE Latreille, 1802

Tribe ACANTHOPHORINI Thomson, 1864

Tribe AEGOSOMATINI Thomson, 1861

Tribe ANACOLINI Thomson, 1857

Tribe CACOSCELINI Thomson, 1861

Tribe CALLIPOGONINI Thomson, 1861

Tribe CALOCOMINI Galileo and Martins, 1993

Tribe CANTHAROCNEMINI Thomson, 1861

Tribe ERGATINI Fairmaire, 1864

Tribe EURYPODINI Gahan, 1906 (1868)

Tribe HOPLIDERINI Thomson, 1864

Tribe MACRODONTIINI Thomson, 1861

Tribe MACROTOMINI Thomson, 1861

Subtribe ARCHETYPINA Lameere, 1912

Subtribe BASITOXINA Lameere, 1912

Subtribe MACROTOMINA Thomson, 1861

Subtribe PLATYGNATHINA Gilmour, 1954

Subtribe XIXUTHRINA Lameere, 1912

Tribe MALLASPINI Thomson, 1861

Tribe MALLODONINI Thomson, 1861

Tribe MEROSCELISINI Thomson, 1861

Tribe PRIONINI Latreille, 1802

- Tribe REMPHANINI Lacordaire, 1868
- Tribe SOLENOPTERINI Lacordaire, 1868
- Tribe TERETICINI Lameere, 1913
- Tribe VESPEROCTENINI Vives, 2005

Subfamily LEPTURINAE Latreille, 1802

- Tribe DESMOCERINI Blanchard, 1845
- Tribe ENCYCLOPINI LeConte, 1873
- Tribe LEPTURINI Latreille, 1802
- Tribe OXYMIRINI Danilevsky, 1997
- Tribe RHAGIINI Kirby, 1837
- Tribe RHAMNUSIINI Sama, 2009
- Tribe TELEDAPINI Pascoe, 1871
- Tribe SACHALINOBIINI Danilevsky, 2010
- Tribe XYLOSTEINI Reitter, 1913

Subfamily SPONDYLIDINAE Audinet-Serville, 1832

- Tribe ANISARTHRIINI Mamaev and Danilevsky, 1973
- Tribe ASEMINI Thomson, 1861
- Tribe ATIMIINI LeConte, 1873
- Tribe SAPHANINI Gistel, 1848
- Tribe SPONDYLIDINI Audinet-Serville, 1832

Subfamily NECYDALINAE Latreille, 1825

Subfamily DORCASOMINAE Lacordaire, 1868

Subfamily APATOPHYSEINAE Lacordaire, 1869

Subfamily CERAMBYCINAE Latreille, 1802

- Tribe ACANGASSUINI Galileo and Martins, 2001
- Tribe ACHRYSONINI Lacordaire, 1868
- Tribe AGALLISSINI LeConte, 1873
- Tribe ALANIZINI Di Iorio, 2003
- Tribe ANAGLYPTINI Lacordaire, 1868 *nomen protectum*
- Tribe APHANASIINI Lacordaire, 1868
- Tribe APHNEOPINI Lacordaire, 1868
- Tribe AUXESINI Lapesme and Breuning, 1952
- Tribe BASIPTERINI Fragoso, Monné and Campos Seabra, 1987
- Tribe BIMIINI Lacordaire, 1868
- Tribe BOTHRIOSPILINI Lane, 1950
- Tribe BRACHYPTEROMATINI Sama, 2008
- Tribe CALLICHROMATINI Swainson, 1840
- Tribe CALLIDIINI Kirby, 1837
- Tribe CALLIDIOPINI Lacordaire, 1868
- Tribe CERAMBYCINI Latreille, 1802
 - Subtribe CERAMBYCINA Latreille, 1802
 - Subtribe SPHALLOTRICHINA Martins and Monné, 2005
- Tribe CERTALLINI Fairmaire, 1864

- Tribe CHLIDONINI Waterhouse, 1879
Tribe CLEOMENINI Lacordaire, 1868
Tribe CLYTINI Mulsant, 1839
Tribe COMPSOCERINI Thomson, 1864
Tribe COPTOMMATINI Lacordaire, 1869
Tribe CURIINI LeConte, 1873
Tribe DEILINI Fairmaire, 1864
Tribe DEJANIRINI Lacordaire, 1868
Tribe DIORINI Lane, 1950
Tribe DISTICHO CERINI Pascoe, 1867
Tribe DODECOSINI Aurivillius, 1912
Tribe DRYOBIINI Arnett, 1962 *nomen protectum*
Tribe EBURIINI Blanchard, 1845
Tribe ECTENESSINI Martins, 1998
Tribe ELAPHIDIINI Thomson, 1864
Tribe ELIGMODERMINI Lacordaire, 1868
Tribe ERLANDIINI Aurivillius, 1912
Tribe EROSCHEMINI Lacordaire, 1868
Tribe EUMICHTHINI Linsley, 1940
Tribe GAHANIINI Quentin and Villiers, 1969
Tribe GLAUCYTINI Lacordaire, 1868
Tribe GRACILIINI Mulsant, 1839
Tribe HESPEROPHANINI Mulsant, 1839
 Subtribe DARAMINA Sama, 2008
 Subtribe HESPEROPHANINA Mulsant, 1839
Tribe HESTHESINI Pascoe, 1867
Tribe HETEROPSINI Lacordaire, 1868 *nomen protectum*
Tribe HEXOPLINI Martins, 2006
Tribe HOLOPLEURINI Chemsak and Linsley, 1974
Tribe HOLOPTERINI Lacordaire, 1868
Tribe HYBODERINI Linsley, 1940
Tribe HYLOTRUPINI Zagajkevich, 1991
Tribe IBIDIONINI Thomson, 1861
 Subtribe COMPSINA Martins and Galileo, 2007
 Subtribe IBIDIONINA Thomson, 1861
 Subtribe TROPIDINA Martins and Galileo, 2007
Tribe IDERATINI Martins and Napp, 2009
Tribe LISSONOTINI Swainson, 1840
Tribe LUSCOSMODICINI Martins, 2003
Tribe LYGRINI Sama, 2008
Tribe MACRONINI Lacordaire, 1868
Tribe MEGACOELINI Quentin and Villiers, 1969
Tribe METHIINI Thomson, 1860

- Tribe MOLORCHINI Gistel, 1848
Tribe MYTHODINI Lacordaire, 1868
Tribe NECYDALOPSINI Lacordaire, 1868
Tribe NEOCORINI Martins, 2005
Tribe NEOSTENINI Lacordaire, 1868
Tribe OBRIINI Mulsant, 1839
Tribe OCHYRINI Pascoe, 1871
Tribe OEDENODERINI Aurivillius, 1912
Tribe OEMINI Lacordaire, 1868
 Subtribe METHIODINA Martins, 1997
 Subtribe OEMINA Lacordaire, 1868
Tribe OPSIMINI LeConte, 1873
Tribe OXYCOLEINI Martins and Galileo, 2003
Tribe PARAHOLOPTERINI Martins, 1997
Tribe PHALOTINI Lacordaire, 1868
Tribe PHLYCTAENODINI Lacordaire, 1868
Tribe PHORACANTHINI Newman, 1840
Tribe PHYLLARTHRIINI Lepesme and Breuning, 1956
Tribe PIESARTHRIINI McKeown, 1947
Tribe PIEZOCERINI Lacordaire, 1868
 Subtribe HARUSPICINA Martins, 1976
 Subtribe PIEZOCERINA Lacordaire, 1868
Tribe PLATYARTHRIINI Bates, 1870
Tribe PLECTOGASTERINI Quentin and Villiers, 1969
Tribe PLECTROMERINI Nearns and Braham, 2008
Tribe PLELARTHROCERINI Lane, 1950
Tribe PROTAXINI Gahan, 1906
Tribe PROTHEMINI Lacordaire, 1868
Tribe PSEBIINI Lacordaire, 1868
Tribe PSEUDOCEPHALINI Aurivillius, 1912 (1861)
Tribe PSEUDOLEPTURINI Thomson, 1861
Tribe PSILOMORPHINI Lacordaire, 1868
Tribe PTEROPLATINI Thomson, 1861
Tribe PYRESTINI Lacordaire, 1868
Tribe RHAGIOMORPHINI Newman, 1841
Tribe RHINOTRAGINI Thomson, 1861
Tribe RHOPALOPHORINI Blanchard, 1845
Tribe ROSALIINI Fairmaire, 1864
Tribe SESTYRINI Lacordaire, 1868
Tribe SMODICINI Lacordaire, 1868
Tribe SPINTHERIINI Lacordaire, 1869
Tribe STENHOMALINI Miroshnikov, 1989
Tribe STENODERINI Pascoe, 1867

- Tribe STENOPTERINI Gistel, 1848
- Tribe STRONGYLURINI Lacordaire, 1868
- Tribe TESSAROMMATINI Lacordaire, 1868
- Tribe THRANIINI Gahan, 1906
- Tribe THYRSIINI Marinoni and Napp, 1984
- Tribe TILLOMORPHINI Lacordaire, 1868
- Tribe TORNEUTINI Thomson, 1861
- Tribe TRACHYDERINI Dupont, 1836
 - Subtribe ANCYLOCERINA Thomson, 1864
 - Subtribe TRACHYDERINA Dupont, 1836
- Tribe TRAGOCERINI Pascoe, 1867
- Tribe TRICHOMESIINI Aurivillius, 1912
- Tribe TROPICALYMMATINI Lacordaire, 1868
- Tribe TYPHOCESINI Lacordaire, 1868
- Tribe UNXIINI Napp, 2007
- Tribe URACANTHINI Blanchard, 1853
- Tribe VESPERELLINI Sama, 2008
- Tribe XYSTROCERINI Blanchard, 1845

Subfamily LAMIINAE Latreille, 1825

- Tribe ACANTHOCININI Blanchard, 1845
- Tribe ACANTHODERINI Thomson, 1860
- Tribe ACMOCERINI Thomson, 1864
- Tribe ACRIDOCEPHALINI Dillon and Dillon, 1959
- Tribe ACROCININI Swainson, 1840
- Tribe ADERPASINI Breuning and Teocchi, 1978
- Tribe AERENICINI Lacordaire, 1872
- Tribe AGAPANTHIINI Mulsant, 1839
- Tribe AMPHOECINI Breuning, 1951
- Tribe ANCITINI Aurivillius, 1917
- Tribe ANCYLONOTINI Lacordaire, 1869
- Tribe ANISOCERINI Thomson, 1860
- Tribe APOMECCYNINI Thomson, 1860
- Tribe ASTATHINI Thomson, 1864
- Tribe BATOCERINI Thomson, 1864
- Tribe CALLIINI Thomson, 1864
- Tribe CEROPLESINI Thomson, 1860
 - Subtribe CEROPLESINA Thomson, 1860
 - Subtribe CROSSOTINA Thomson, 1864
- Tribe CLONIOCERINI Lacordaire, 1872
- Tribe COLOBOTHEINI Thomson, 1860
- Tribe COMPOSOMATINI Thomson, 1857
- Tribe CYRTININI Thomson, 1864
- Tribe DESMIPHORINI Thomson, 1860

- Tribe DORCADIONINI Swainson, 1840
Tribe DORCASCHEMATINI Thomson, 1860
Tribe ELYTRACANTHININI Bousquet, 2009
Tribe ENICODINI Thomson, 1864
Tribe EUPROMERINI Galileo and Martins, 1995
Tribe FORSTERIINI Tippmann, 1960
Tribe GNOMINI Thomson, 1860
Tribe GYARITINI Breuning, 1950
Tribe HELIOLINI Breuning, 1951
Tribe HEMILOPHINI Thomson, 1868 *nomen protectum*
Tribe HOMONOEINI Thomson, 1864
Tribe HYBORHABDINI Aurivillius, 1911
Tribe LAMIINI Latreille, 1825
Tribe LATICRANIINI Lane, 1959
Tribe MAUESIINI Lane, 1956
Tribe MEGABASINI Thomson, 1860
Tribe MESOSINI Mulsant, 1839
Tribe MICROCYMATURINI Breuning and Teocchi, 1985
Tribe MONEILEMINI Thomson, 1864
Tribe MONOCHAMINI Gistel, 1848
Tribe MORIMONELLINI Lobanov, Danilevsky and Murzin, 1981
Tribe MORIMOPSINI Lacordaire, 1869
Tribe NYCTIMENIINI Gressitt, 1951
Tribe OBEREINI Thomson, 1864
Tribe OCULARIINI Breuning, 1950
Tribe ONCIDERINI Thomson, 1860
Tribe ONCIDEROPSIDINI Aurivillius, 1922
Tribe ONOCEPHALINI Thomson, 1860
Tribe ONYCHOGLENEINI Aurivillius, 1923
Tribe PARMENINI Mulsant, 1839
Tribe PETROGNATHINI Blanchard, 1845
Tribe PHACELLINI Lacordaire, 1872
Tribe PHANTASINI Kolbe, 1897
Tribe PHRYNETINI Thomson, 1864
Tribe PHYMASTERNINI Teocchi, 1989
Tribe PHYTOECIINI Mulsant, 1839
Tribe POGONOCHERINI Mulsant, 1839
Tribe POLYRHAPHIDINI Thomson, 1860
Tribe PRETILIINI Martins and Galileo, 1990
Tribe PROTOCERINI Aurivillius, 1922
Tribe PROSOPOCERINI Thomson, 1864
Tribe PTEROPLIINI Thomson, 1860
Tribe RHODOPININI Gressitt, 1951

- Tribe SAPERDINI Mulsant, 1839
- Tribe STENOBIINI Breuning, 1950
- Tribe STERNOTOMINI Thomson, 1860
- Tribe TAPEININI Thomson, 1857
- Tribe TETRAOPINI Thomson, 1860
- Tribe TETRAULAXINI Breuning and Teocchi, 1977
- Tribe TETROPINI Portevin, 1927
- Tribe THEOCRINI Lacordaire, 1872
- Tribe TMESISTERNINI Blanchard, 1853
- Tribe TRAGOCEPHALINI Thomson, 1857
- Tribe XENICOTELINI Matsushita, 1933
- Tribe XENOFREINI Aurivillius, 1923
- Tribe XENOLEINI Lacordaire, 1872
- Tribe XYLORHIZINI Lacordaire, 1872
- Tribe ZYGOCERINI Thomson, 1864

Family MEGALOPODIDAE Latreille, 1802

Subfamily MEGALOPODINAE Latreille, 1802

Subfamily PALOPHAGINAE Kuschel and May, 1990

Subfamily ZEUGOPHORINAE Böving and Craighead, 1931

Family ORSODACNIDAE Thomson, 1859

Subfamily ORSODACNINAE Thomson, 1859

Subfamily AULACOSCELIDINAE Chapuis, 1874

Family CHRYSOMELIDAE Latreille, 1802

Subfamily SAGRINAE Leach, 1815

- Tribe CARPOPHAGINI Chapuis, 1874
- Tribe DIAPHANOPSIDINI Monrós, 1958
- Tribe MEGAMERINI Chapuis, 1874
- Tribe SAGRINI Leach, 1815

Subfamily BRUCHINAE Latreille, 1802

- Tribe AMBLYCERINI Bridwell, 1932
 - Subtribe AMBLYCERINA Bridwell, 1932
 - Subtribe SPERMOPHAGINA Borowiec, 1987
- Tribe BRUCHINI Latreille, 1802
 - Subtribe ACANTHOSCELIDINA Bridwell, 1946
 - Subtribe BRUCHINA Latreille, 1802
 - Subtribe MEGACERINA Bridwell, 1946
- Tribe EUBAPTINI Bridwell, 1932
- Tribe KYTORHININI Bridwell, 1932
- Tribe PACHYMERINI Bridwell, 1929
 - Subtribe CARYEDONTINA Bridwell, 1929
 - Subtribe CARYOPEMINA Bridwell, 1929
 - Subtribe PACHYMERINA Bridwell, 1929
- Tribe RHAEBINI Blanchard, 1845

Subfamily DONACIINAE Kirby, 1837

Tribe DONACIINI Kirby, 1837

Tribe HAEMONIINI Chen, 1941

Tribe PLATEUMARINI Böving, 1922

Subfamily CRIOCERINAE Latreille, 1804

Tribe CRIOCERINI Latreille, 1804

Tribe LEMINI Gyllenhal, 1813

Tribe PSEUDOCRIOCERINI Heinze, 1962

Subfamily CASSIDINAE Gyllenhal, 1813

Tribe ALURNINI Chapuis, 1875

Tribe ANISODERINI Chapuis, 1875

Tribe APROIDINI Weise, 1911

Tribe ARESINI Chapuis, 1875

Tribe ASPIDIMORPHINI Chapuis, 1875

Tribe BASIPRIONOTINI Gressitt, 1952 (1929)

Tribe BOTRYONOPINI Chapuis, 1875

Tribe CALLISPINI Chapuis, 1875

Tribe CALLOHISPINI Uhmann, 1960

Tribe CASSIDINI Gyllenhal, 1813

Tribe CEPHALOLEIINI Chapuis, 1875

Tribe CHALEPINI Weise, 1910

Tribe COELAENOMENODERINI Weise, 1911

Tribe CRYPTONYCHINI Chapuis, 1875

Tribe DELOCraniINI Spaeth, 1929

Tribe DORYNOTINI Monrós and Viana, 1949 (1923)

Tribe EUGENYSINI Hincks, 1952

Tribe EURISPINI Chapuis, 1875

Tribe EXOTHISPINI Weise, 1911

Tribe GONIOCHENIINI Spaeth, 1942

Tribe GONOPHORINI Chapuis, 1875

Tribe HEMISPHEROTINI Monrós and Viana, 1951 (1929)

Tribe HISPINI Gyllenhal, 1813

Tribe HISPOLEPTINI Chapuis, 1875

Tribe HYBOSISPINI Weise, 1910

Tribe IMATIDIINI Hope, 1840

Tribe ISCHYROSONYCHINI Chapuis, 1875

Tribe LEPTISPINI Fairmaire, 1868

Tribe MESOMPHALIINI Hope, 1840

Tribe NOTHOSACANTHINI Gressitt, 1952 (1929)

Tribe OEDIOPALPINI Monrós and Viana, 1947 (1910)

Tribe OMOCERINI Hincks, 1952 (1923)

Tribe ONCOCEPHALINI Chapuis, 1875

Tribe PROMECOTHECINI Chapuis, 1875

Tribe PROSOPODONTINI Weise, 1910

Tribe SCELOENOPLINI Uhmann, 1930

Tribe SPILOPHORINI Chapuis, 1875

Tribe UROPLATINI Weise, 1910

Subfamily CHRYSOMELINAE Latreille, 1802

Tribe CHRYSOMELINI Latreille, 1802

Tribe TIMARCHINI Motschulsky, 1860

Subfamily GALERUCINAE Latreille, 1802

Tribe ALTICINI Newman, 1834

Tribe DECARTHRO CERINI Laboissière, 1937

Tribe GALERUCINI Latreille, 1802

Tribe HYLASPINI Chapuis, 1875

Tribe LUPERINI Gistel, 1848

Tribe METACYCLINI Chapuis, 1875

Tribe OIDINI Laboissière, 1921 (1875)

Subfamily LAMPROSOMATINAE Lacordaire, 1848

Tribe LAMPROSOMATINI Lacordaire, 1848

Tribe NEOCHLAMYSINI Monrós, 1959

Tribe SPHAEROCHARINI Chapuis, 1874

Subfamily CRYPTOCEPHALINAE Gyllenhal, 1813

Tribe CLYTRINI Kirby, 1837

Tribe CRYPTOCEPHALINI Gyllenhal, 1813

Subtribe ACHAENOPINA Chapuis, 1874

Subtribe CRYPTOCEPHALINA Gyllenhal, 1813

Subtribe MONACHULINA Leng, 1920

Subtribe PACHYBRACHINA Chapuis, 1874

Subtribe STYLOSOMINA Chapuis, 1874

Tribe FULCIDACINI Jakobson, 1924

Subfamily EUMOLPINAE Hope, 1840

Tribe BROMIINI Baly, 1865 (1863)

Tribe CARYONODINI Bechyné, 1951

Tribe CUBISPINI Monrós, 1954

Tribe EUMOLPINI Hope, 1840

Tribe EURYOPINI Chapuis, 1874

Tribe HABROPHORINI Bechyné and Špringlová de Bechyné, 1969

Tribe HEMYDACNINI Bechyné, 1951

Tribe MEGASCELIDINI Chapuis, 1874

Tribe MERODINI Chapuis, 1874

Tribe PYGOMOLPINI Bechyné, 1949

Tribe ROSIROIINI Bechyné, 1950

Tribe TYPOPHORINI Baly, 1865

Subfamily SPILOPYRINAE Chapuis, 1874

Subfamily SYNETINAE LeConte and Horn, 1883

†Subfamily PROTOSCELIDINAE Medvedev, 1968**Superfamily CURCULIONOIDEA Latreille, 1802****Family NEMONYCHIDAE Bedel, 1882****Subfamily NEMONYCHINAE Bedel, 1882****Subfamily CIMBERIDINAE Gozis, 1882**

Tribe CIMBERIDINI Gozis, 1882

Tribe DOYDIRHYNCHINI Pierce, 1916

†Tribe KUSCHELOMACRINI Riedel, 2010

Subfamily RHINORHYNCHINAE Voss, 1922

Tribe MECOMACERINI Kuschel, 1994

Subtribe BRARINA Legalov, 2009

Subtribe MECOMACERINA Kuschel, 1994

Tribe RHINORHYNCHINI Voss, 1922

†Subfamily SLONIKINAE Zherikhin, 1977

†Tribe SLONIKINI Zherikhin, 1977

†Tribe ULYANISCINI Legalov, 2009

†Subfamily ECCOPTARTHRIINAE Arnoldi, 1977**†Subfamily BRENTHORRHININAE Arnoldi, 1977**

†Tribe BRENTHORRHININI Arnoldi, 1977

†Tribe BRENTHORRHINOIDINI Legalov, 2003

†Subfamily DISTENORRHININAE Arnoldi, 1977**†Subfamily EOBLINAE Arnoldi, 1977**

†Tribe EOBLINI Arnoldi, 1977

†Subtribe EOBLINA Arnoldi, 1977

†Subtribe PROCURCULIONINA Arnoldi, 1977

†Tribe KARATAUCARINI Legalov, 2009

†Tribe NANOPHYDINI Arnoldi, 1977

†Tribe OXYCORYNOIDINI Arnoldi, 1977

†Tribe PROBLINI Legalov, 2009

†Subfamily PALEOCARTINAE Legalov, 2003

†Tribe NEBRENTHORRHININI Legalov, 2007

†Tribe PALEOCARTINI Legalov, 2003

†Subfamily METRIXENOIDINAE Legalov, 2009**†Subfamily CRETONEMONYCHINAE Gratshev and Legalov, 2009****†Subfamily SELENGARHYNCHINAE Gratshev and Legalov, 2009****Family ANTHRIDAE Billberg, 1820****Subfamily ANTHRIBINAE Billberg, 1820**

Tribe ANTHRIBINI Billberg, 1820

Tribe BASITROPINI Lacordaire, 1865

Tribe CORRHECERINI Lacordaire, 1865

Tribe CRATOPARINI LeConte, 1876

†Tribe CRETANTHRIBINI Legalov, 2009

Tribe DECATAPHANINI Lacordaire, 1865
 Tribe DISCOTENINI Lacordaire, 1865
 Tribe ECELONERINI Lacordaire, 1865
 Tribe ISCHNOCERINI Lacordaire, 1865
 Tribe GYMNOGNATHINI Valentine, 1960
 Tribe JORDANTHRIBINI Morimoto, 1980
 Tribe MAUIINI Valentine, 1990
 Tribe MECOCERINI Lacordaire, 1865
 Tribe MYCTEINI Morimoto, 1972
 Tribe OZOTOMERINI Morimoto, 1972
 Tribe PIESOCORYNINI Valentine, 1960
 Tribe PLATYRHININI Bedel, 1882
 Tribe PLATYSTOMINI Pierce, 1916
 Tribe PROSCOPORHININI Lacordaire, 1865
 Tribe PTYCHODERINI Jekel, 1855
 Tribe SINTORINI Lacordaire, 1865
 Tribe STENOCERINI Kolbe, 1895
 Tribe TOPHODERINI Lacordaire, 1865
 Tribe TRIGONORHININI Valentine, 1999
 Tribe TROPIDERINI Lacordaire, 1865
 Tribe XENOCERINI Lacordaire, 1865
 Tribe XYLINADINI Lacordaire, 1865
 Tribe ZYGAENODINI Lacordaire, 1865

Subfamily CHORAGINAE Kirby, 1819

Tribe APOLECTINI Lacordaire, 1865
 Tribe ARAECERINI Lacordaire, 1865
 Tribe CISANTHRIBINI Zimmerman, 1994
 Tribe CHORAGINI Kirby, 1819
 Tribe VALENFRIESIINI Alonso-Zarazaga and Lyal, 1999
 Tribe XENORCHESTINI Lacordaire, 1865

Subfamily URODONTINAE Thomson, 1859

†Family ULYANIDAE Zherikhin, 1993

Family BELIDAE Schönherr, 1826

Subfamily BELINAE Schönherr, 1826

Tribe AGNESIOTIDINI Zimmerman, 1994
 Tribe BELINI Schönherr, 1826
 Subtribe BELINA Schönherr, 1826
 Subtribe HOMALOCERINA Legalov, 2009
 Tribe PACHYURINI Kuschel, 1959

Subfamily OXYCORYNINAE Schönherr, 1840

Tribe AGLYCYDERINI Wollaston, 1864
 Tribe ALLOXYCORYNINI Legalov, 2009
 Tribe DISTENORRHINOIDINI Legalov, 2009

- Tribe METRIOXENINI Voss, 1953
 - Subtribe AFROCORYNINA Voss, 1957
 - Subtribe METRIOXENINA Voss, 1953
 - Subtribe ZHERICHINIXENINA Legalov, 2009
- Tribe OXYCORYNINI Schönherr, 1840
 - Subtribe ALLOCORYNINA Sharp, 1890
 - Subtribe OXYCORYNINA Schönherr, 1840
 - Subtribe OXYCRASPEDINA Marvaldi and Oberprieler, 2006

Family CARIDAE Thompson, 1992

Subfamily CARINAE Thompson, 1992

Subfamily CHILECARINAE Legalov, 2009

- Tribe CARODINI Legalov, 2009

- Tribe CHILECARINI Legalov, 2009

†Subfamily BAISSORHYNCHINAE Zherikhin, 1993

Family ATTELABIDAE Billberg, 1820

Subfamily ATTELABINAE Billberg, 1820

- Tribe ATTELABINI Billberg, 1820
 - Subtribe ATTELABINA Billberg, 1820
 - Subtribe EUSCELINA Voss, 1925
 - Subtribe EUSCELOPHILINA Voss, 1925
 - Subtribe HENICOLABINA Legalov, 2007
 - Subtribe HIMATOLABINA Legalov, 2003
 - Subtribe HYBOLABINA Voss, 1925
 - Subtribe ISOLABINA Legalov, 2007
 - Subtribe LAGENODERINA Voss, 1925
 - Subtribe LAMPROLABINA Voss, 1925
 - Subtribe METOCALOLABINA Legalov, 2003
 - Subtribe OMOLABINA Legalov, 2003
 - Subtribe PARAMECOLABINA Legalov, 2003
 - Subtribe PHIALODINA Legalov, 2003
 - Subtribe PHYMATOLABINA Voss, 1925
 - Subtribe PHYMATOPSININA Legalov, 2003
 - Subtribe PLEUROLABINA Legalov, 2003

- Tribe EUOPINI Voss, 1925

- Tribe PILOLABINI Voss, 1925

Subfamily APODERINAE Jekel, 1860

- Tribe APODERINI Jekel, 1860

- Tribe CLITOSTYLINI Voss, 1929

- Subtribe ALLAPODERINA Legalov, 2003

- Subtribe CLITOSTYLINA Voss, 1929

- Subtribe PSEUDOPHRYSINA Legalov, 2003

- Tribe HOPLAPODERINI Voss, 1926

- Subtribe AFROAPODERINA Legalov, 2003

Subtribe HOPLAPODERINA Voss, 1926

Subtribe PARATOMAPODERINA Legalov, 2003

Tribe TRACHELOPHORINI Voss, 1926

Subfamily RHYNCHITINAE Gistel, 1848

Tribe AULETINI Desbrochers des Loges, 1908

Subtribe AULETINA Desbrochers des Loges, 1908

Subtribe AULETOBIINA Legalov, 2001

Subtribe GUINEAULETINA Legalov, 2003

Subtribe MANDELSCHTAMIINA Legalov, 2003

Subtribe PSEUDAULETINA Voss, 1933

Subtribe PSEUDOMESAULETINA Legalov, 2003

Tribe AULETORHININI Voss, 1935

Tribe BYCTISCINI Voss, 1923

Subtribe BYCTISCINA Voss, 1923

Subtribe LISTROBYCTISCINA Legalov, 2003

Subtribe SVETLANAEBYCTISCINA Legalov, 2003

Tribe CESAULETINI Legalov, 2003

Tribe DEPORAINI Voss, 1929

Subtribe CHONOSTROPHEINA Morimoto, 1962

Subtribe DEPORAINA Voss, 1929

Tribe MINURINI Legalov, 2003

Tribe RHINOCARTINI Voss, 1931

Tribe RHYNCHITINI Gistel, 1848

Subtribe ACRITORRHYNCHITINA Legalov, 2007

Subtribe ANISOMERININA Legalov, 2003

Subtribe EUGNAMPTINA Voss, 1930

Subtribe LASIORHYNCHITINA Legalov, 2003

Subtribe PERRHYNCHITINA Legalov, 2003

Subtribe RHYNCHITALINA Legalov, 2003

Subtribe RHYNCHITINA Gistel, 1848

Subtribe TEMNOCERINA Legalov, 2003

Subfamily ISOTHEINAE Scudder, 1893

Tribe ISOTHEINI Scudder, 1893

Subtribe DEPASOPHILINA Legalov, 2003

†Subtribe ISOTHEINA Scudder, 1893

†Tribe TOXORHYNCHINI Scudder, 1893

Subfamily PTEROCOLINAE Lacordaire, 1865

Family BRENTIDAE Billberg, 1820

Subfamily BRENTINAE Billberg, 1820

Tribe BRENTINI Billberg, 1820

Subtribe ARRHENODINA Lacordaire, 1865

Subtribe BRENTINA Billberg, 1820

Subtribe EREMOXENINA Semenov, 1892

Tribe CYLADINI Schönherr, 1823

Tribe CYPHAGOGINI Kolbe, 1892

Subtribe ATOPOBRENTINA Damoiseau, 1965

Subtribe CYPHAGOGINA Kolbe, 1892

†Subtribe DOMINIBRENTINA Poinar, 2009

Subtribe HOPLOPISTIHIINA Senna and Calabresi, 1919

Subtribe STERODERMINA Sharp, 1895

Tribe PHOLIDOCHLAMYDINI Damoiseau, 1962

Tribe TAPHRODERINI Lacordaire, 1865

Tribe TRACHELIZINI Lacordaire, 1865

Subtribe ACRATINA Alonso-Zarazaga, Lyal, Bartolozzi and Sforzi, 1999

Subtribe ITHYSTENINA Lacordaire, 1865

Subtribe MICROTRACHELIZINA Zimmerman, 1994

Subtribe PSEUDOCEOCEPHALINA Kleine, 1922

Subtribe RHYTICEPHALINA Kleine, 1922

Subtribe TRACHELIZINA Lacordaire, 1865

Subtribe TYCHAEINA Schoenfeldt, 1908

Tribe ULOCERINI Schönherr, 1823

Subfamily EURHYNCHINAE Lacordaire, 1863

†Tribe AXELRODIELLINI Legalov, 2009

Tribe EURHYNCHINI Lacordaire, 1863

Subfamily APIONINAE Schönherr, 1823

Supertribe APIONITAE Schönherr, 1823

Tribe APIONINI Schönherr, 1823

Subtribe APIONINA Schönherr, 1823

Subtribe APLEMONINA Kissinger, 1968

Subtribe ASPIDAPIINA Alonso-Zarazaga, 1990

Subtribe CATAPIINA Alonso-Zarazaga, 1990

Subtribe CERATAPIINA Alonso-Zarazaga, 1990

Subtribe EXAPIINA Alonso-Zarazaga, 1990

Subtribe IXAPIINA Alonso-Zarazaga, 1990

Subtribe KALCAPIINA Alonso-Zarazaga, 1990

Subtribe MALVAPIINA Alonso-Zarazaga, 1990

Subtribe METAPIINA Alonso-Zarazaga, 1990

Subtribe OXYSTOMATINA Alonso-Zarazaga, 1990

Subtribe PIEZOTRACHELINA Voss, 1959

Subtribe PROTOTRICHAPIINA Wanat, 1995

Subtribe SYNAPIINA Alonso-Zarazaga, 1990

Subtribe TRICHAPIINA Alonso-Zarazaga, 1990

Tribe CHILAPIINI Wanat, 2001

Tribe NOTERAPIINI Kissinger, 2004

Tribe PODAPIINI Wanat, 2001

Tribe RHINORHYNCHIDIINI Zimmerman, 1994

- Supertribe ANTILIARHINITAE Schönherr, 1823**
- Supertribe CYBEBITAE Lacordaire, 1863**
- Supertribe MECOLENITAE Wanat, 2001**
- Supertribe MYRMACICELITAE Zimmerman, 1994**
 - Tribe LISPOTHERIINI Wanat, 2001
 - Tribe MYRMACICELINI Zimmerman, 1994
- Supertribe RHADINOCYBITAE Alonso-Zarazaga, 1992**
 - Tribe NOTAPIONINI Zimmerman, 1994
 - Tribe RHADINOCYBINI Alonso-Zarazaga, 1992
- Supertribe TANAITAE Schönherr, 1839**
- Subfamily ITHYCERINAE Schönherr, 1823**
- Subfamily MICROCERINAE Lacordaire, 1863**
- Subfamily NANOPHYINAE Gistel, 1848**
 - Tribe CORIMALIINI Alonso-Zarazaga, 1989
 - Tribe NANOPHYINI Gistel, 1848
- Family DRYOPHTHORIDAE Schönherr, 1825**
- Subfamily DRYOPHTHORINAE Schönherr, 1825**
- Subfamily CRYPTODERMATINAE Bovic, 1908**
- Subfamily ORTHOGNATHINAE Lacordaire, 1865**
 - Tribe ORTHOGNATHINI Lacordaire, 1865
 - Tribe RHINOSTOMINI LeConte, 1874
- Subfamily RHYNCHOPHORINAE Schönherr, 1833**
 - Tribe DIOCALANDRINI Zimmerman, 1993
 - Tribe LITOSOMINI Lacordaire, 1865
 - Tribe OMMATOLAMPINI Lacordaire, 1865
 - Tribe POLYTINI Zimmerman, 1993
 - Tribe RHYNCHOPHORINI Schönherr, 1833
 - Tribe SPHENOPHORINI Lacordaire, 1865
- Subfamily STROMBOSKERINAE Lacordaire, 1865**
- Family BRACHYCERIDAE Billberg, 1820**
- Subfamily BRACHYCERINAE Billberg, 1820**
 - Tribe BRACHYCERINI Billberg, 1820
 - Tribe BYRSOPINI Germar, 1829
- Subfamily CRYPTOLARYNGINAE Schalkwyk, 1966**
- Subfamily ERIRHININAE Schönherr, 1825**
 - Tribe AONYCHINI Zimmerman, 1993
 - Tribe ARTHROSTENINI Reitter, 1913
 - †Tribe CRETULIINI Legalov, 2009
 - Tribe ERIRHININI Schönherr, 1825
 - Tribe HIMASTHLOPHALLINI Zherikhin, 1991
 - Tribe STENOPELMINI LeConte, 1876
 - Tribe TADIINI Zimmerman, 1993
 - Tribe TANYSPHYRINI Gistel, 1848

Subfamily OCLADIINAE Lacordaire, 1865

Tribe DESMIDOPHORINI Morimoto, 1962

Tribe OCLADIINI Lacordaire, 1865

Subfamily RAYMONDIONYMINAE Reitter, 1913

Tribe MYRTONYMINI Kuschel, 1990

Tribe RAYMONDIONYMINI Reitter, 1913

Family CURCULIONIDAE Latreille, 1802**Subfamily CURCULIONINAE Latreille, 1802**

Tribe ACALYPTINI Thomson, 1859

Subtribe ACALYPTINA Thomson, 1859

Subtribe DERELOMINA Lacordaire, 1865

Subtribe NOTOLOMINA Franz, 2006

Subtribe PHYLOTROGINA Franz, 2006

Subtribe STAMINODEINA Franz, 2006

Tribe ACENTRUSINI Alonso-Zarazaga, 2005

Tribe ANCYLOCNEMIDINI Voss, 1962

Tribe ANTHONOMINI Thomson, 1859

Tribe CAMAROTINI Schönherr, 1833

Subtribe CAMAROTINA Schönherr, 1833

Subtribe PRIONOMERINA Lacordaire, 1863

Tribe CERATOPODINI Lacordaire, 1863

Tribe CIONINI Schönherr, 1825

Tribe CRANOPOEINI Kuschel, 2009

Tribe CRYPTOPLINI Lacordaire, 1863

Tribe CURCULIONINI Latreille, 1802

Subtribe CURCULIONINA Latreille, 1802

Subtribe PSEUDOBALANININA Heller, 1925

Subtribe TIMOLINA Heller, 1925

Tribe DIABATHRARIINI Lacordaire, 1863

Tribe ELLESCINI Thomson, 1859

Subtribe DORYTOMINA Bedel, 1886

Subtribe ELLESCINA Thomson, 1859

Tribe ERODISCINI Lacordaire, 1863

Tribe EUGNOMINI Lacordaire, 1863

Subtribe EUGNOMINA Lacordaire, 1863

Subtribe MERIPHINA Marshall, 1937

Tribe GONIPTERINI Lacordaire, 1863

Tribe MECININI Gistel, 1848

Tribe NERTHOPINI Lacordaire, 1865

Tribe OTIDOCEPHALINI Lacordaire, 1863

Tribe PIAZORHININI Lacordaire, 1863

Tribe PRIONOBRACHIINI Hustache, 1938

Tribe PYROPINI Lacordaire, 1865

- Tribe RHAMPHINI Rafinesque, 1815
 - Subtribe DINORHOPALINA Voss, 1936
 - Subtribe IXALMINA Voss, 1936
 - Subtribe RHAMPHINA Rafinesque, 1815
 - Subtribe TACHYGONINA Lacordaire, 1865
- Tribe SMICRONYCHINI Seidlitz, 1891 *nomen protectum*
- Tribe SPHAERIOPEINI Kuschel, 2003
- Tribe STOREINI Lacordaire, 1863
- Tribe STYPLINI Jekel, 1861
- Tribe TYCHIINI Gistel, 1848
 - Subtribe DEMIMAEINA Voss, 1937
 - Subtribe LIGNYODINA Bedel, 1883
 - Subtribe OCHYROMERINA Voss, 1935
 - Subtribe TYCHIINA Gistel, 1848
- Tribe ULOMASCINI Lacordaire, 1865
- Tribe VITICIINI Morimoto, 1983
- Subfamily BAGOINAE Thomson, 1859 *nomen protectum***
- Subfamily BARIDINAE Schönherr, 1836**
 - Tribe AMBATINI Lacordaire, 1863
 - Tribe ANOPSILINI Bondar, 1942
 - Tribe APOSTASIMERINI Schönherr, 1844
 - Subtribe APOSTASIMERINA Schönherr, 1844
 - Subtribe MADOPTERINA Lacordaire, 1865
 - Subtribe THALIABARIDINA Bondar, 1943
 - Subtribe TORCINA Bondar, 1943
 - Subtribe ZYGOBARIDINA Pierce, 1907
 - Tribe BARIDINI Schönherr, 1836
 - Subtribe BARIDINA Schönherr, 1836
 - Subtribe COELONERTINA Casey, 1922
 - Subtribe COLEOMERINA Casey, 1922
 - Subtribe DIORYMERINA Jekel, 1865
 - Subtribe EURHININA Lacordaire, 1865
 - Tribe MADARINI Jekel, 1865
 - Subtribe BARYMERINA Lacordaire, 1865
 - Subtribe EUTOXINA Champion, 1908
 - Subtribe LEPTOSCHOININA Lacordaire, 1865
 - Subtribe MADARINA Jekel, 1865
 - Subtribe TONESIINA Alonso-Zarazaga and Lyal, 1999
 - Tribe NEOSHARPIINI Hoffmann, 1956
 - Tribe NERTININI Voss, 1954
 - Tribe OPTATINI Champion, 1907
 - Tribe PANTOTELINI Lacordaire, 1865
 - Subtribe CYRIONYCHINA Casey, 1922

Subtribe PANTOTELINA Lacordaire, 1865

Tribe PERIDINETINI Lacordaire, 1865

Subfamily CEUTORHYNCHINAE Gistel, 1848

Tribe CEUTORHYNCHINI Gistel, 1848

Tribe CNEMOGONINI Colonnelli, 1979

Tribe EGRINI Pajni and Kohli, 1982

Tribe HYPOHYPURINI Colonnelli, 2004

Tribe HYPURINI Schultze, 1902

Tribe LIOXYONYCHINI Colonnelli, 1984

Tribe MECYSMODERINI Wagner, 1938

Tribe MONONYCHINI LeConte, 1876

Tribe PHYTOBIINI Gistel, 1848

Tribe SCLEROPTERINI Schultze, 1902

Subfamily CONODERINAE Schönherr, 1833

Tribe ARACHNOPODINI Lacordaire, 1865

Tribe CAMPYLOSCELINI Schönherr, 1845

Subtribe CAMPYLOSCELINA Schönherr, 1845

Subtribe CORYNEMERINA Hustache, 1929

Subtribe PHAENOMERINA Faust, 1898

Tribe CONODERINI Schönherr, 1833

Tribe CORYSSOMERINI Thomson, 1859

Tribe CORYSSOPODINI Lacordaire, 1865

Tribe LECHRIOPINI Lacordaire, 1865

Tribe LOBOTRACHELINI Lacordaire, 1865

Tribe MECOPINI Lacordaire, 1865

Tribe MENEMACHINI Lacordaire, 1865

Tribe OTHIPPIINI Morimoto, 1962

Tribe PELOROPODINI Hustache, 1932

Tribe PIAZURINI Lacordaire, 1865

Tribe SPHADASMINI Lacordaire, 1865

Tribe TRICHODOCERINI Champion, 1906

Tribe ZYGOPINI Lacordaire, 1865

Subfamily COSSONINAE Schönherr, 1825

Tribe ACAMPTINI LeConte, 1876

Tribe ACANTHINOMERINI Voss, 1972

Tribe ALLOMORPHINI Folwaczny, 1973

Tribe APHYLLURINI Voss, 1955

Tribe ARAUCARIINI Kuschel, 1966

Tribe CHOERORHININI Folwaczny, 1973

Tribe COSSONINI Schönherr, 1825

Tribe CRYPTOMMATINI Voss, 1972

Tribe DRYOTRIBINI LeConte, 1876

Tribe MICROXYLOBIINI Voss, 1972

Tribe NESIOBIINI Alonso-Zarazaga and Lyal, 1999

Tribe NEUMATORINI Folwaczny, 1973

Tribe ONYCHIINI Chapuis, 1869

Tribe ONYCHOLIPINI Wollaston, 1873

Tribe PENTARTHRIINI Lacordaire, 1865

Tribe PROECINI Voss, 1956

Tribe PSEUDAPOTREPINI Champion, 1909

Tribe RHYNCOLINI Gistel, 1848

Subtribe PHLOEOPHAGINA Voss, 1955

Subtribe PSEUDOMIMINA Voss, 1939

Subtribe RHYNCOLINA Gistel, 1848

Tribe TAPIROMIMINI Voss, 1972

Subfamily CRYPTORHYNCHINAE Schönherr, 1825

Tribe AEDEMONINI Faust, 1898

Tribe CAMPTORHININI Lacordaire, 1865

Tribe CRYPTORHYNCHINI Schönherr, 1825

Subtribe CRYPTORHYNCHINA Schönherr, 1825

Subtribe MECISTOSTYLINA Lacordaire, 1865

Subtribe TYLODINA Lacordaire, 1865

Tribe GASTEROCERCINI Zherikhin, 1991

Tribe PSEPHOLACINI Lacordaire, 1865

Tribe SOPHRORHININI Lacordaire, 1865

Tribe TORNEUMATINI Bedel, 1884

Subfamily CYCLOMINAE Schönherr, 1826

Tribe AMYCTERINI Waterhouse, 1854

Tribe ATERPINI Lacordaire, 1863 *nomen protectum*

Subtribe ATERPINA Lacordaire, 1863 *nomen protectum*

Subtribe RHADINOSOMINA Lacordaire, 1863

Tribe CYCLOMINI Schönherr, 1826

Tribe DICHOTRACHELINI Hoffmann, 1957

Tribe HIPPORHININI Lacordaire, 1863

Tribe LISTRODERINI LeConte, 1876

Tribe NOTIOMIMETINI Wollaston, 1873

Tribe RHYTHIRININI Lacordaire, 1863

Subfamily ENTIMINAE Schönherr, 1823

Tribe AGRAPHINI Horn, 1876

Tribe ALOPHINI LeConte, 1874

Tribe ANOMOPHTHALMINI Morrone, 1998

Tribe ANYPOTACTINI Champion, 1911

Tribe BLOSRYINI Lacordaire, 1863

Tribe BRACHYDERINI Schönherr, 1826

Tribe CELEUTHETINI Lacordaire, 1863

Subtribe CELEUTHETINA Lacordaire, 1863

- Subtribe ISOPTERINA Morimoto and Kojima, 2001
- Tribe CNEORHININI Lacordaire, 1863
- Tribe CRATOPODINI Hustache, 1919
- Tribe CYLYDRORHININI Lacordaire, 1863
- Tribe CYPHICERINI Lacordaire, 1863
 - Subtribe ACANTHOTRACHELINA Marshall, 1944
 - Subtribe CYPHICERINA Lacordaire, 1863
 - Subtribe MYLACORRHININA Reitter, 1913
 - Subtribe MYLLOCERINA Pierce, 1913
 - Subtribe PHYTOSCAPHINA Lacordaire, 1863
- Tribe ECTEMNORHININI Lacordaire, 1863
- Tribe ELYTRURINI Marshall, 1956
- Tribe EMBRITHINI Marshall, 1942
- Tribe ENTIMINI Schönherr, 1823
- Tribe EPISOMINI Lacordaire, 1863
- Tribe EUDIAGOGINI LeConte, 1874
- Tribe EUPHOLINI Günther, 1943
- Tribe EUSTYLINI Lacordaire, 1863
- Tribe GEONEMINI Gistel, 1848
- Tribe HOLCORHININI Desbrochers des Loges, 1898
- Tribe HORMORINI Horn, 1876
- Tribe LAPAROCERINI Lacordaire, 1863
- Tribe LEPTOSTETHINI Lacordaire, 1863
- Tribe LORDOPINI Schönherr, 1823
- Tribe MESOSTYLINI Reitter, 1913
- Tribe MYORHININI Marseul, 1863
- Tribe NASTINI Reitter, 1913
- Tribe NAUPACTINI Gistel, 1848 *nomen protectum*
- Tribe NOTHOGNATHINI Marshall, 1916
- Tribe OMIINI Shuckard, 1839
- Tribe OOSOMINI Lacordaire, 1863
- Tribe OPHRYASTINI Lacordaire, 1863
- Tribe OPHTALMORRHYNCHINI Hoffmann, 1965
- Tribe OTIORHYNCHINI Schönherr, 1826
- Tribe OTTISTIRINI Heller, 1925
- Tribe PACHYRHYNCHINI Schönherr, 1826
- Tribe PERITELINI Lacordaire, 1863
- Tribe PHYLLOBIINI Schönherr, 1826
- Tribe POLYCATINI Marshall, 1956
- Tribe POLYDRUSINI Schönherr, 1823
- Tribe PREMNOTRYPINI Kuschel, 1956
- †Tribe PRISTORHYNCHINI Heer, 1847
- Tribe PRYPNINI Lacordaire, 1863

- Tribe PSALLIDIINI Lacordaire, 1863
- Tribe RHYNCOGONINI Sharp, 1919
- Tribe SCIAPHILINI Sharp, 1891
- Tribe SITONINI Gistel, 1848
- Tribe TANYMECINI Lacordaire, 1863
 - Subtribe PIAZOMIINA Reitter, 1913
 - Subtribe TAINOPHTHALMINA Desbrochers des Loges, 1873
 - Subtribe TANYMECINA Lacordaire, 1863
- Tribe TANYRHYNCHINI Schönherr, 1826
- Tribe THECESTERNINI Lacordaire, 1863
- Tribe TRACHYPHLOEINI Gistel, 1848
 - Subtribe TRACHYPHILINA Voss, 1948
 - Subtribe TRACHYPHLOEINA Gistel, 1848
- Tribe TROPIPHORINI Marseul, 1863
- Tribe TYPHLORHININI Kuschel, 1954
- Subfamily HYPERINAE Marseul, 1863 (1848)**
 - Tribe CEPURINI Capiomont, 1867
 - Tribe HYPERINI Marseul, 1863 (1848)
- Subfamily LIXINAE Schönherr, 1823**
 - Tribe CLEONINI Schönherr, 1826 *nomen protectum*
 - Tribe LIXINI Schönherr, 1823
 - Tribe RHINOCYLLINI Lacordaire, 1863
- Subfamily MESOPTILIINAE Lacordaire, 1863**
 - Tribe CARCILIINI Pierce, 1916
 - Tribe LAEMOSACCINI Lacordaire, 1865
 - Tribe MAGDALIDINI Pascoe, 1870 *nomen protectum*
 - Tribe MESOPTILIINI Lacordaire, 1863
- Subfamily MOLYTINAE Schönherr, 1823**
 - Tribe ANOPLINI Bedel, 1883
 - Tribe AMALACTINI Lacordaire, 1863
 - Tribe AMINYOPINI Voss, 1956
 - Tribe AMORPHOCERINI Voss, 1939
 - Tribe ANCHONINI Imhoff, 1856
 - Tribe BRACHYCEROPSEINI Aurivillius, 1926
 - Tribe CHOLINI Schönherr, 1825
 - Subtribe CHOLINA Schönherr, 1825
 - Subtribe CHOLOMINA Vaurie, 1974
 - Subtribe RHINASTINA Vaurie, 1973
 - Tribe CLEOGONINI Gistel, 1848
 - Tribe CONOTRACHELINI Jekel, 1865
 - Tribe CYCLOTERRINI Lacordaire, 1863
 - Subtribe CYCLOTERRINA Lacordaire, 1863
 - Subtribe THROMBOSTERNINA Voss, 1965

- Tribe DINOMORPHINI Lacordaire, 1863
- Tribe EMPHYASTINI Lacordaire, 1863
- Tribe EUDERINI Lacordaire, 1865
- Tribe GALLOISIINI Morimoto, 1962
- Tribe GUIOPERINI Lacordaire, 1865
- Tribe HYLOBIINI Kirby, 1837
 - Subtribe EPISTROPHINA Marshall, 1932
 - Subtribe HYLOBIINA Kirby, 1837
- Tribe ITHYPORINI Lacordaire, 1865
 - Subtribe COLOBODINA Voss, 1958
 - Subtribe ITHYPORINA Lacordaire, 1865
 - Subtribe SCLEROCARDIINA Lacordaire, 1865
- Tribe ITINI Reitter, 1913
- Tribe JUANORHININI Aurivillius, 1931
- Tribe LEPYRINI Kirby, 1837
- Tribe LITHININI Lacordaire, 1863
 - Subtribe LITHININA Lacordaire, 1863
 - Subtribe RHYTIDOPHLOEINA Voss, 1963
- Tribe LYMANTINI Lacordaire, 1865
- Tribe MECYSOLOBINI Reitter, 1913
- Tribe METATYGINI Pascoe, 1888
- Tribe MOLYTINI Schönherr, 1823
 - Subtribe LEIOSOMATINA Reitter, 1913
 - Subtribe MOLYTINA Schönherr, 1823
 - Subtribe PLINTHINA Lacordaire, 1863
 - Subtribe TYPODERINA Voss, 1965
- Tribe NETTARHININI Lacordaire, 1865
- Tribe PACHOLENINI Lacordaire, 1863
- Tribe PAIPALESOMINI Marshall, 1932
- Tribe PETALOCILINI Lacordaire, 1863
- Tribe PHOENICOBATINI Champion, 1914
- Tribe PHRYNIXINI Kuschel, 1964
- Tribe PISSODINI Gistel, 1848
 - Subtribe COTASTEROMIMINA Morimoto, 1962
 - Subtribe ORTHORHININA Jekel, 1865
 - Subtribe PISSODINA Gistel, 1848
- Tribe STERNECHINI Lacordaire, 1863
- Tribe STYANACINI Chûjô and Voss, 1960
- Tribe TRACHODINI Gistel, 1848
- Tribe TRIGONOCOLINI Lacordaire, 1863
- Tribe TRYPETIDINI Lacordaire, 1865

Subfamily OROBITIDINAE Thomson, 1859

Subfamily XIPHASPIDINAE Marshall, 1920

Subfamily SCOLYTINAE Latreille, 1804

Tribe AMPHISCOLYTINI Mandelshtam and Beaver, 2003

Tribe BOTHROSTERNINI Blandford, 1896

Tribe CACTOPININI Chamberlin, 1939

Tribe CARPHODICTICINI Wood, 1971

Tribe COPTONOTINI Chapuis, 1869

Tribe CORTHYLINI LeConte, 1876

Subtribe CORTHYLINA LeConte, 1876

Subtribe PITYOPHTHORINA Eichhoff, 1878

Tribe CRYPHALINI Lindemann, 1877

Tribe CRYPTURGINI LeConte, 1876

†Tribe CYLINDROBROTINI Kirejtshuk, Azar, Beaver, Mandelshtam and Nel, 2009

Tribe DIAMERINI Hagedorn, 1909

Tribe DRYOCOETINI Lindemann, 1877

Tribe HEXACOLINI Eichhoff, 1878

Tribe HYLASTINI LeConte, 1876

Tribe HYLESININI Erichson, 1836

Tribe HYLURGINI Gistel, 1848

Tribe HYORRHYNCHINI Hopkins, 1915

Tribe HYPOBORINI Nüsslin, 1911

Tribe IPINI Bedel, 1888

Tribe MICRACIDINI LeConte, 1876

Tribe PHLOEOSININI Nüsslin, 1912

Tribe PHLOEOTRIBINI Chapuis, 1869

Tribe PHRIXOSOMATINI Wood, 1978

Tribe POLYGRAPHINI Chapuis, 1869

Tribe PREMNOBIINI Browne, 1962

Tribe SCOLYTINI Latreille, 1804

Tribe SCOLYTOPLATYPODINI Blandford, 1893

Tribe XYLEBORINI LeConte, 1876

Tribe XYLOCTONINI Eichhoff, 1878

Tribe XYLOTERINI LeConte, 1876

Subfamily PLATYPODINAE Shuckard, 1839

Tribe MECOPELMINI Thompson, 1992

Tribe PLATYPODINI Shuckard, 1839

Tribe SCHEDLARIINI Wood and Bright, 1992

Tribe TESSEROCERINI Strohmeyer, 1914

Subtribe DIAPODINA Strohmeyer, 1914

Subtribe TESSEROCERINA Strohmeyer, 1914

Catalogue of Coleoptera family-group names

Order COLEOPTERA

†Suborder PROTOCOLEOPTERA

†Superfamily TSHEKARDOCOLEOIDEA Rohdendorf, 1944

TSHEKARDOCOLEIDAE Rohdendorf, 1944: 252 [stem: *Tshekardocole-*]. Type genus: *Tshekardocoleus* Rohdendorf, 1944.r

†Family TSHEKARDOCOLEIDAE Rohdendorf, 1944

TSHEKARDOCOLEIDAE Rohdendorf, 1944: 252 [stem: *Tshekardocole-*]. Type genus: *Tshekardocoleus* Rohdendorf, 1944.

URALOCOLEIDAE Zalesskiy, 1947: 857 [stem: *Uralocole-*]. Type genus: *Uralocoleus* Zalessky, 1947.

†Family LABRADOROCOLEIDAE Ponomarenko, 1969

LABRADOROCOLEIDAE Ponomarenko, 1969b: 307 [stem: *Labradorocole-*]. Type genus: *Labradorocoleus* Ponomarenko, 1969.

†Family OBOROCOLEIDAE Kukalová, 1969

OBOROCOLEIDAE Kukalová, 1969: 155 [stem: *Oborocole-*]. Type genus: *Oborocoleus* Kukalová, 1969.

†Superfamily PERMOCUPEDOIDEA Martynov, 1933

PERMOCUPIDAE Martynov, 1933: 85 [stem: *Permocuped-*]. Type genus: *Permocupes* Martynov, 1933.

†Family PERMOCUPEDIDAE Martynov, 1933

PERMOCUPIDAE Martynov, 1933: 85 [stem: *Permocuped-*]. Type genus: *Permocupes* Martynov, 1933. Comment: incorrect original stem formation, not in prevailing usage.

KALTANOCOLEIDAE Rohdendorf, 1961: 397 [stem: *Kaltanocole-*]. Type genus: *Kaltanocoleus* Rohdendorf, 1961.

†Family TALDYCUPEDIDAE Rohdendorf, 1961

TALDYCUPIDAE Rohdendorf, 1961: 412 [stem: *Taldycuped-*]. Type genus: *Taldycupes* Rohdendorf, 1961. Comment: usage of TRACHYCUPIDAE by Fujiyama (1973: 375) was in error for TALDYCUPIDAE (Ponomarenko pers. comm. August 2009); incorrect original stem formation, not in prevailing usage.

†Superfamily PERMOSYNOIDEA Tillyard, 1924

PERMOSYNIDAE Tillyard, 1924: 431 [stem: *Permosyn-*]. Type genus: *Permosyne* Tillyard, 1924.

†Family ADEMOSYNIDAE Ponomarenko, 1968

ADEMOSYNIDAE Ponomarenko, 1968: 128 [stem: *Ademosyn-*]. Type genus: *Ademosyne* Handlirsch, 1906.

†Family PERMOSYNIDAE Tillyard, 1924

PERMOSYNIDAE Tillyard, 1924: 431 [stem: *Permosyn-*]. Type genus: *Permosyne* Tillyard, 1924.

Suborder ARCHOSTEMATA**Family CROWSONIELLIDAE Iablokoff-Khnzorian, 1983**

CROWSONIELLIDAE Iablokoff-Khnzorian, 1983: 65 [stem: *Crowsoniell-*]. Type genus: *Crowsoniella* Pace, 1975.

Family CUPEDIDAE Laporte, 1836

CUPESIDAE Laporte, 1836: 56 [stem: *Cuped-*]. Type genus: *Cupes* Fabricius, 1801.

Subfamily PRIACMINAE Crowson, 1962

PRIACMINI Crowson, 1962: 152 [stem: *Priacm-*]. Type genus: *Priacma* J. L. LeConte, 1874.

†Subfamily MESOCUPEDINAE Ponomarenko, 1969

MESOCUPEDINI Ponomarenko, 1969a: 105 [stem: *Mesocuped-*]. Type genus: *Mesocupes* Martynov, 1926.

Subfamily CUPEDINAE Laporte, 1836

CUPESIDAE Laporte, 1836: 56 [stem: *Cuped-*]. Type genus: *Cupes* Fabricius, 1802.
Comment: incorrect original stem formation, not in prevailing usage.

Family MICROMALTHIDAE Barber, 1913

MICROMALTHIDAE Barber, 1913: 185 [stem: *Micromalth-*]. Type genus: *Micromalthus* J. L. LeConte, 1878.

Family OMMATIDAE Sharp and Muir, 1912

OMMADIDAE Sharp and Muir, 1912: 521 [stem: *Ommat-*]. Type genus: *Omma* Newman, 1839.

†Subfamily BROCHOCOLEINAE Hong, 1982

BROCHOCOLEIDAE Hong, 1982: 100 [stem: *Brochocole-*]. Type genus: *Brochocoleus* Hong, 1982.

Subfamily TETRAPHALERINAE Crowson, 1962

TETRAPHALERINI Crowson, 1962: 152 [stem: *Tetraphaler-*]. Type genus: *Tetraphalerus* C. O. Waterhouse, 1901.

Subfamily OMMATINAE Sharp and Muir, 1912

OMMADIDAE Sharp and Muir, 1912: 521 [stem: *Ommat*-.] Type genus: *Omma* Newman, 1839.

†Tribe LITHOCUPEDINI Ponomarenko, 1969

LITHOCUPEDINI Ponomarenko, 1969a: 82 [stem: *Lithocuped*-.] Type genus: *Lithocupes* Ponomarenko, 1966.

†Tribe NOTOCUPEDINI Ponomarenko, 1966

NOTOCUPEDINI Ponomarenko, 1966: 60 [stem: *Notocup*-.] Type genus: *Notocupes* Ponomarenko, 1966.

Tribe OMMATINI Sharp and Muir, 1912

OMMADIDAE Sharp and Muir, 1912: 521 [stem: *Ommat*-.] Type genus: *Omma* Newman, 1839. Comment: incorrect original stem formation, not in prevailing usage.

Family JURODIDAE Ponomarenko, 1985

JURODIDAE Ponomarenko, 1985: 53 [stem: *Jurod*-.] Type genus: *Jurodes* Ponomarenko, 1985.

SIKHOTEALINIIDAE Lafer, 1996: 390 [stem: *Sikhotealini*-.] Type genus: *Sikhotealinia* Lafer, 1996.

†Family TRIADOCUPEDIDAE Ponomarenko, 1966

TRIADOCUPEDINAE Ponomarenko, 1966: 48 [stem: *Triadocuped*-.] Type genus: *Triadocupes* Ponomarenko, 1966.

†Family MAGNOCOLEIDAE Hong, 1998

MAGNOCOLEIDAE Hong, 1998: 41 [stem: *Magnocole*-.] Type genus: *Magnocoleus* Hong, 1998.

†Family OBRIENIIDAE Zherikhin and Gratshev, 1994

OBRIENIIDAE Zherikhin and Gratshev, 1994: 51 [stem: *Obrieni*-.] Type genus: *Obrienia* Zherikhin and Gratshev, 1994. Comment: precedence (OBRIENIIDAE Zherikhin and Gratshev, 1994 vs KARARHYNCHIDAE Zherikhin and Gratshev, 1994) given to taxon originally proposed at the higher rank (Art. 24.1).

†Subfamily KARARHYNCHINAE Zherikhin and Gratshev, 1994

KARARHYNCHINAE Zherikhin and Gratshev, 1994: 58 [stem: *Kararhynch*-.] Type genus: *Kararhynchus* Zherikhin and Gratshev, 1994.

†Tribe KARARHYNCHINI Zherikhin and Gratshev, 1994

KARARHYNCHINAE Zherikhin and Gratshev, 1994: 58 [stem: *Kararhynch*-.] Type genus: *Kararhynchus* Zherikhin and Gratshev, 1994.

†Tribe KENDERLYKAINI Legalov, 2009

KENDERLYKANINI Legalov, 2009c: 285 [stem: *Kenderlyka*]. Type genus: *Kenderlyka* Zherikhin and Gratshev, 1994. Comment: incorrect original stem formation, not in prevailing usage.

†Subfamily OBRIENIINAE Zherikhin and Gratshev, 1994

OBRIENIIDAE Zherikhin and Gratshev, 1994: 51 [stem: *Obrieni*]. Type genus: *Obrienia* Zherikhin and Gratshev, 1994.

Suborder MYXOPHAGA**†Superfamily ASIOCOLEOIDEA Rohdendorf, 1961**

ASIOCOLEIDAE Rohdendorf, 1961: 396 [stem: *Asiicole*]. Type genus: *Asiicoleus* Rohdendorf, 1961.

†Family ASIOCOLEIDAE Rohdendorf, 1961

ASIOCOLEIDAE Rohdendorf, 1961: 396 [stem: *Asiicole*]. Type genus: *Asiicoleus* Rohdendorf, 1961.

†Family TRICOLEIDAE Ponomarenko, 1969

TRICOLEIDAE Ponomarenko, 1969a: 138 [stem: *Tricole*]. Type genus: *Tricoleus* Ponomarenko, 1969.

†Superfamily RHOMBOCOLEOIDEA Rohdendorf, 1961

RHOMBOCOLEIDAE Rohdendorf, 1961: 432 [stem: *Rhombocole*]. Type genus: *Rhombocoleus* Rohdendorf, 1961.

†Family RHOMBOCOLEIDAE Rohdendorf, 1961

RHOMBOCOLEIDAE Rohdendorf, 1961: 432 [stem: *Rhombocole*]. Type genus: *Rhombocoleus* Rohdendorf, 1961.

†Superfamily SCHIZOPHOROIDEA Ponomarenko, 1968

SCHIZOPHORIDAE Ponomarenko, 1968: 130 [stem: *Schizophor*]. Type genus: *Schizophorus* Ponomarenko, 1968. Comment: usage of this name conserved over *Schizocoleoidea* Rohdendorf, 1961 (Art. 35.5).

†Family SCHIZOPHORIDAE Ponomarenko, 1968

SCHIZOPHORIDAE Ponomarenko, 1968: 130 [stem: *Schizophor*]. Type genus: *Schizophorus* Ponomarenko, 1968.

†Family CATINIIDAE Ponomarenko, 1968

CATINIIDAE Ponomarenko, 1968: 137 [stem: *Catini*]. Type genus: *Catinius* Ponomarenko, 1968.

†Family SCHIZOCOLEIDAE Rohdendorf, 1961

CURCULIOPSIDAE Martynov, 1937: 39 [stem: *Curculiops*-.]. Type genus: *Curculiopsis* Martynov, 1937 [preoccupied genus name, not *Curculiopsis* Handlirsch, 1907 [fossil CURCULIONOIDEA]; syn. of *Aenignocoleus* Rohdendorf, 1961 or *Rossocoleus* Rohdendorf, 1961]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

SCHIZOCOLEIDAE Rohdendorf, 1961: 438 [stem: *Schizocole*-.]. Type genus: *Schizocoleus* Rohdendorf, 1961.

Superfamily LEPICEROIDEA Hinton, 1936 (1882)

LEPICERIDAE Hinton, 1936: 473 [stem: *Lepicer*-.]. Type genus: *Lepicerus* Motschulsky, 1855. Comment: use of family-group name conserved over CYATHOCEROIDEA Sharp, 1882 (Art. 40.2) (see Lawrence and Newton 1995: 804).

Family LEPICERIDAE Hinton, 1936 (1882)

CYATHOCERIDAE Sharp, 1882: 141 [stem: *Cyathocer*-.]. Type genus: *Cyathocerus* Sharp, 1882 [syn. of *Lepicerus* Motschulsky, 1855]. Comment: use of younger name LEPICERIDAE Hinton, 1936 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 804).

LEPICERIDAE Hinton, 1936: 473 [stem: *Lepicer*-.]. Type genus: *Lepicerus* Motschulsky, 1855. Comment: use of family-group name conserved over CYATHOCERIDAE Sharp, 1882 (Art. 40.2) (see Lawrence and Newton 1995: 804).

†HAPLOCHELIDAE Kirejtshuk and Poinar, 2006: 156 [stem: *Haplochel*-.]. Type genus: *Haplochelus* Kirejtshuk and Poinar, 2006. Comment: synonymy with LEPICERIDAE by Ge et al. (2010: 336).

Superfamily SPHAERIUSOIDEA Erichson, 1845

SPHAERINA Erichson, 1845: 38 [stem: *Sphaerius*-.]. Type genus: *Sphaerius* Waltl, 1838 [originally placed on the Official Index of Rejected and Invalid Generic Names in Zoology by the Commission (ICZN 1985d) but later placed on the Official List of Generic Names in Zoology (ICZN 2000)]. Comment: correct stem determined to be *Sphaerius*- and SPHAERIUSIDAE Erichson, 1845 placed on the Official List of Family-Group Names in Zoology (ICZN 2000).

Family TORRIDINCOLIDAE Steffan, 1964

TORRIDINCOLIDAE Steffan, 1964: 199 [stem: *Torridincol*-.]. Type genus: *Torridincola* Steffan, 1964.

Subfamily TORRIDINCOLINAE Steffan, 1964

TORRIDINCOLIDAE Steffan, 1964: 199 [stem: *Torridincol*-.]. Type genus: *Torridincola* Steffan, 1964.

PTYOPTERINAE M. Abdullah, 1974: 961 [stem: *Ptyopteryg*-]. Type genus: *Ptyopteryx* H. Reichardt and C. Costa, 1967 [preoccupied genus name, not *Ptyopteryx* Kolenati, 1848 [Trichoptera]; syn. of *lapir* Py-Daniel et al., 1993]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

Subfamily DELEVEINAE Endrödy-Younga, 1997

DELEVEINAE Endrödy-Younga, 1997: 317 [stem: *Deleve*-]. Type genus: *Delevea* H. Reichardt, 1976.

Family HYDROSCAPHIDAE LeConte, 1874

HYDROSCAPHIDAE J. L. LeConte, 1874a: 45 [stem: *Hydroscaph*-]. Type genus: *Hydroscapha* J. L. LeConte, 1874.

Family SPHAERIUSIDAE Erichson, 1845

SPHAERINA Erichson, 1845: 38 [stem: *Sphaerius*-]. Type genus: *Sphaerius* Walzl, 1838 [originally placed on the Official Index of Rejected and Invalid Generic Names in Zoology by the Commission (ICZN 1985d) but later placed on the Official List of Generic Names in Zoology (ICZN 2000)]. Comment: family-group name and its type genus were rejected by the Commission (ICZN 1985d) but rescinded afterwards (ICZN 2000); family-group name placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Sphaerius*- (ICZN 2000).

MICROSPORIDAE Crotch, 1873a: 78 [stem: *Microspor*-]. Type genus: *Microsporus* Kolenati, 1846 [placed on the Official List of Generic Names in Zoology (ICZN 1985d)]. Comment: name originally placed on the Official List of Family-Group Names in Zoology as “MICROSPORIDAE H. Reichardt, 1976” (ICZN 1985d) but author and year subsequently corrected to Crotch, 1873 (ICZN 2000).

Suborder ADEPHAGA

†Family TRITARSIDAE Hong, 2002

TRITARSUSIDAE Hong, 2002: 102 [stem: *Tritars*-]. Type genus: *Tritarsus* Hong, 2002. Comment: incorrect original stem formation, not in prevailing usage.

Family GYRINIDAE Latreille, 1810

GYRINITES Latreille, 1810: 141 [stem: *Gyrin*-]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subfamily SPANGLEROGYRINAE Folkerts, 1979

SPANGLEROGYRINAE Folkerts, 1979: 7 [stem: *Spanglerogyr*-]. Type genus: *Spanglerogyrus* Folkerts, 1979.

Subfamily GYRININAE Latreille, 1810

GYRINITES Latreille, 1810: 141 [stem: *Gyrin-*]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe ENHYDRINI Régimbart, 1882

ENHYDRINI Régimbart, 1882: 392 [stem: *Enhydr-*]. Type genus: *Enhydrus* Laporte, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1964)]. Comment: usage of this name conserved over Dineutini Desmarest, 1851 (Art. 35.5).

Subtribe DINEUTINA Desmarest, 1851

DINEUTIDES Desmarest, 1851: 223 [stem: *Dineut-*]. Type genus: *Dineutes* W. S. MacLeay, 1825.

Subtribe ENHYDRINA Régimbart, 1882

ENHYDRINI Régimbart, 1882: 392 [stem: *Enhydr-*]. Type genus: *Enhydrus* Laporte, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1964)]. Comment: junior homonym of ENHYDRINI Gray, 1825 (type genus *Enhydra* Fleming, 1822) in Mammalia; an application was recently submitted to the Commission by Özdikmen and Darilmaz (2010; see Appendix 6) to remove the homonymy (Art. 55.3.1).

Tribe GYRININI Latreille, 1810

GYRINITES Latreille, 1810: 141 [stem: *Gyrin-*]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe GYRININA Latreille, 1810

GYRINITES Latreille, 1810: 141 [stem: *Gyrin-*]. Type genus: *Gyrinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe HETEROGYRINA Brinck, 1956

HETEROGYRINI P. Brinck, 1956: 37, in key [stem: *Heterogyr-*]. Type genus: *Heterogyrus* Legros, 1953.

Tribe ORECTOCHILINI Régimbart, 1882

ORECTOCHILINI Régimbart, 1882: 391 [stem: *Orectochil-*]. Type genus: *Orectochilus* Dejean, 1833.

Family TRACHYPACHIDAE Thomson, 1857

TRACHYPACHINI C. G. Thomson, 1857: 5 [stem: *Trachypach-*]. Type genus: *Trachypachus* Motschulsky, 1844.

†Subfamily EODROMEINAE Ponomarenko, 1977

EODROMEINAE Ponomarenko, 1977: 46 [stem: *Eodrome-*]. Type genus: *Eodromeus* Ponomarenko, 1977. Comment: the type genus originally included four species: *antiquus*, *stenalis*, *dissectus* and *major*; Ponomarenko (1977: 66) designated "*fasciatus*" as the type species of the genus which was a *lapsus calami* for *dissectus* (see Carpenter 1992: 291); this genus is considered here as being available in Ponomarenko (1977: 66) and not Ponomarenko (in Carpenter 1992: 291); this action enables us to treat the family-group name EODROMEINAE as available from the original description in Ponomarenko (1977: 46).

LEPTOPODOCOLEIDAE Hong, 1982: 118 [stem: *Leptopodocole-*]. Type genus: *Leptopodocoleus* Hong, 1982.

Subfamily TRACHYPACHINAE Thomson, 1857

TRACHYPACHINI C. G. Thomson, 1857: 5 [stem: *Trachypach-*]. Type genus: *Trachypachus* Motschulsky, 1844.

*SYSTOLOSOMINI Erwin, 1985: 467 [stem: *Systolosomat-*]. Type genus: *Systolosoma* Solier, 1849. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

SYSTOLOSOMINI Erwin, 1991: 4, in key [stem: *Systolosomat-*]. Type genus: *Systolosoma* Solier, 1849. Comment: incorrect original stem formation, not in prevailing usage.

Family RHYSODIDAE Laporte, 1840

RHYSODITES Laporte, 1840a: 291 [stem: *Rhysod-*]. Type genus: *Rhysodes* Germar, 1822.

Tribe LEOLYMMIINI Bell and Bell, 1978

LEOLYMMIINA R. T. Bell and J. R. Bell, 1978: 53 [stem: *Leoglymmi-*]. Type genus: *Leoglymmius* Bell and Bell, 1978.

Tribe DHYSORINI Bell and Bell, 1978

DHYSORINA R. T. Bell and J. R. Bell, 1978: 53 [stem: *Dhysor-*]. Type genus: *Dhysores* Grouvelle, 1903.

Tribe MEDISORINI Bell and Bell, 1987

MEDISORINA R. T. Bell and J. R. Bell, 1987: 287 [stem: *Medisor-*]. Type genus: *Medisores* Bell and Bell, 1987.

Tribe RHYSODINI Laporte, 1840

RHYSODITES Laporte, 1840a: 291 [stem: *Rhysod-*]. Type genus: *Rhysodes* Germar, 1822. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 326, as RHYSODEOIDAE [incorrect stem formation]), generally accepted as in R. T. Bell (2003: 78, as RHYSODIDAE).

Tribe CLINIDIINI Bell and Bell, 1978

CLINIDIINA R. T. Bell and J. R. Bell, 1978: 59 [stem: *Clinidi-*]. Type genus: *Clinidium* Kirby, 1830.

Tribe OMOGLYMMIINI Bell and Bell, 1978

OMOGLYMMIINA R. T. Bell and J. R. Bell, 1978: 66 [stem: *Omoglymmi-*]. Type genus: *Omoglymmius* Ganglbauer, 1891.

Tribe SLOANOGLYMMIINI Bell and Bell, 1991

SLOANOGLYMMIINA R. T. Bell and J. R. Bell, 1991: 183 [stem: *Sloanoglymmi-*]. Type genus: *Sloanoglymmius* Bell and Bell, 1991.

Family CARABIDAE Latreille, 1802

CARABICI Latreille, 1802: 80 [stem: *Carab-*]. Type genus: *Carabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1950)]. Comment: First Reviser (CARABIDAE Latreille, 1802 vs CICINDELIDAE Latreille, 1802 vs ELAPHRIDAE Latreille, 1802) not determined, current usage maintained.

†Subfamily PROTORABINAE Ponomarenko, 1977

PROTORABINAE Ponomarenko, 1977: 71 [stem: *Protorab-*]. Type genus: *Protorabus* Ponomarenko, 1977.

†Subfamily CONJUNCTIINAE Ponomarenko, 1977

CONJUNCTIINI Ponomarenko, 1977: 85 [stem: *Conjuncti-*]. Type genus: *Conjunctia* Ponomarenko, 1977.

Subfamily NEBRIINAE Laporte, 1834

NEBRIIDAE Laporte, 1834b: 90 [stem: *Nebri-*]. Type genus: *Nebria* Latreille, 1802.

Tribe NEBRIINI Laporte, 1834

NEBRIIDAE Laporte, 1834b: 90 [stem: *Nebri-*]. Type genus: *Nebria* Latreille, 1802.

Tribe NOTIOKASIINI Kavanaugh and Nègre, 1983

*NOTIOKASIINI Erwin, 1979: 578 [stem: *Notiokasi-*]. Type genus: *Notiokasis* Kavanaugh and Nègre, 1983. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time.

NOTIOKASIINI Kavanaugh and Nègre, 1983: 551 [stem: *Notiokasi-*]. Type genus: *Notiokasis* Kavanaugh and Nègre, 1983.

Tribe NOTIOPHILINI Motschulsky, 1850

*NOTIOPHILES Motschulsky, 1849: 54 [stem: *Notiophil-*]. Type genus: *Notiophilus* Duméril, 1805. Comment: original vernacular name unavailable (Art.

11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

NOTIOPHILI Motschulsky, 1850: 16 [stem: *Notiophil-*]. Type genus: *Notiophilus* Duméril, 1805.

Tribe OPISTHIINI Dupuis, 1912

OPISTHIINAE Dupuis, 1912: 1 [stem: *Opisthi-*]. Type genus: *Opisthius* Kirby, 1837.

Tribe PELOPHILINI Kavanaugh, 1996

PELOPHILINI Kavanaugh, 1996: 35 [stem: *Pelophil-*]. Type genus: *Pelophila* Dejean, 1821.

Subfamily CICINDINAE Csiki, 1927

CICINDINI Csiki, 1927: 425 [stem: *Cicind-*]. Type genus: *Cicindis* Bruch, 1908.

Subfamily CICINDELINAE Latreille, 1802

CICINDELETAE Latreille, 1802: 77 [stem: *Cicindel-*]. Type genus: *Cicindela* Linné, 1758.

Tribe AMBLYCHEILINI Csiki, 1903

AMBLYCHILINAE Csiki, 1903: 124 [stem: *Amblycheil-*]. Type genus: *Amblycheila* Say, 1830 [as *Amblychila*, unjustified emendation of type genus name by Agassiz (1846b), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

OMITES W. Horn, 1907: 466 [stem: *Om-*]. Type genus: *Omus* Eschscholtz, 1829.

Tribe CICINDELINI Latreille, 1802

CICINDELETAE Latreille, 1802: 77 [stem: *Cicindel-*]. Type genus: *Cicindela* Linnaeus, 1758.

Subtribe APTEROESSINA Rivalier, 1971

APTEROESSINA Rivalier, 1971: 143 [stem: *Apteroess-*]. Type genus: *Apteroessa* Hope, 1838.

Subtribe CICINDELINA Latreille, 1802

CICINDELETAE Latreille, 1802: 77 [stem: *Cicindel-*]. Type genus: *Cicindela* Linnaeus, 1758.

Subtribe DROMICINA Thomson, 1859

DROMICITAE J. Thomson, 1859: 89 [stem: *Dromic-*]. Type genus: *Dromica* Dejean, 1826.

CALEDONICINI W. Horn, 1893: 324 [stem: *Caledonic-*]. Type genus: *Caledonica* Chaudoir, 1861.

ODONTOCHILINI W. Horn, 1899: 41 [stem: *Odontocheil*-.] Type genus: *Odontocheila* Laporte, 1834 [as *Odontochila*, unjustified emendation of type genus name by Agassiz (1846b), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

PREPUSINI W. Horn, 1899: 44 [stem: *Prepus*-.] Type genus: *Prepusa* Chaudoir, 1850 [syn. of *Eulampira* Chaudoir, 1848].

EURYODINI W. Horn, 1899: 37 [stem: *Euryod*-.] Type genus: *Euryoda* Lacordaire, 1842 [syn. of *Prothyma* Hope, 1838].

PROTHYMINI W. Horn, 1906: 86 [stem: *Prothym*-.] Type genus: *Prothyma* Hope, 1838.

Subtribe IRESIINA Rivalier, 1971

EUPROSOPINI W. Horn, 1893: 324 [stem: *Euprosop*-.] Type genus: *Euprosopus* Dejean, 1825.

EUCALLIINI W. Horn, 1893: 324 [stem: *Eucalli*-.] Type genus: *Eucallia* Guérin-Méneville, 1844 [syn. of *Callidema* Guérin-Méneville, 1843].

DISTYPSIDERINI W. Horn, 1893: 324 [stem: *Distypsider*-.] Type genus: *Distipsidera* Westwood, 1837 [as *Distypsidera*, unjustified emendation of type genus name by Gemminger and Harold (1868a: 32), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

IRESINA Rivalier, 1971: 138 [stem: *Iresi*-.] Type genus: *Iresia* Dejean, 1829. Comment: although this is not the oldest name for the subtribe, we recommend that an application be sent to the Commission in order to conserve usage of IRESIINA Rivalier, 1971 over the three older names proposed by W. Horn in 1893 which have not been used as valid recently to our knowledge; incorrect original stem formation, not in prevailing usage.

Subtribe THERATINA Horn, 1893

THERATIDAE W. Horn, 1893: 324 [stem: *Therat*-.] Type genus: *Therates* Latreille, 1816.

Tribe COLLYRIDINI Brullé, 1834

COLLYRIENS Brullé, 1834: 96 [stem: *Collyrid*-.] Type genus: *Collyris* Fabricius, 1801.

Subtribe COLLYRIDINA Brullé, 1834

COLLYRIENS Brullé, 1834: 96 [stem: *Collyrid*-.] Type genus: *Collyris* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1838a: 30, as COLLYRIDAE [incorrect stem formation]), generally accepted as in Puchkov and Matalin (2003: 116, as COLLYRIDINA); incorrect original stem formation, not in prevailing usage.

TRACHELONIADAE Gistel, 1850: 75 [stem: *Tracheloni-*]. Type genus: *Trachelonia* Gistel, 1850 [syn. of *Collyris* Fabricius, 1801].

*COLLIURIDES Motschulsky, 1855: 34 [stem: *Colliur-*]. Type genus: *Colliuris* sensu Latreille, 1802 [not *Colliuris* DeGeer, 1774; syn. of *Collyris* Fabricius, 1801]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Subtribe TRICONDYLINE Naviaux, 1991

TRICONDYLINE Naviaux, 1991: 219 [stem: *Tricondyl-*]. Type genus: *Tricondyla* Latreille, 1822.

Tribe CTENOSTOMATINI Laporte, 1834

CTENOSTOMIDAE Laporte, 1834b: 38 [stem: *Ctenostomat-*]. Type genus: *Ctenostoma* Klug, 1821. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MANTICORINI Laporte, 1834

MANTICORIDAE Laporte, 1834b: 33 [stem: *Manticor-*]. Type genus: *Manticora* Fabricius, 1781.

Tribe MEGACEPHALINI Laporte, 1834

MEGACEPHALIDAE Laporte, 1834b: 33 [stem: *Megacephal-*]. Type genus: *Megacephala* Latreille, 1802.

OXYCHEILITES J. Thomson, 1857a: 17 [stem: *Oxycheil-*]. Type genus: *Oxycheila* Dejean, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Chaudoir (1861a: 326, as OXYCHILINI [incorrect stem formation]), generally accepted as in Fleutiaux (1892a: 13, as OXYCHILINI [incorrect stem formation]); the stem *Oxychil-* should not be used for this taxon in order to avoid homonymy with OXYCHILINI Hesse, 1927 (type genus *Oxychilus* Fitzinger 1833), currently being used as valid in Mollusca.

PLATYCHILIDAE W. Horn, 1893: 325 [stem: *Platychil-*]. Type genus: *Platychile* W. S. MacLeay, 1825.

TETRACHAE Leng and Mutchler, 1916: 683 [stem: *Tetrach-*]. Type genus: *Tetracha* Hope, 1838.

Subfamily CARABINAE Latreille, 1802

CARABICI Latreille, 1802: 80 [stem: *Carab-*]. Type genus: *Carabus* Linnaeus, 1758.

Tribe CARABINI Latreille, 1802

CARABICI Latreille, 1802: 80 [stem: *Carab-*]. Type genus: *Carabus* Linnaeus, 1758.

CALOSOMII Bonelli, 1810: Tabula Synoptica [stem: *Calosomat-*]. Type genus: *Calosoma* Weber, 1801. Comment: incorrect original stem formation, not in prevailing usage.

- PRO CERIDAE Laporte, 1834b: 87 [stem: *Procer-*]. Type genus: *Procerus* Dejean, 1821.
- CALLISTHENISIDAE Gistel, 1848: [2] [stem: *Callisthen-*]. Type genus: *Callisthenes* Fischer von Waldheim, 1820. Comment: incorrect original stem formation, not in prevailing usage.
- *CECHENOGENICI Morawitz, 1889: 40 [stem: *Cechen-*]. Type genus: *Cechenus* Fischer von Waldheim, 1822. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.
- *TRIBACOGENICI Morawitz, 1889: 40 [stem: *Tribac-*]. Type genus: *Tribax* Fischer von Waldheim, 1817. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.
- *PROCRUSTOGENICI Morawitz, 1889: 40 [stem: *Procrust-*]. Type genus: *Procrustes* Bonelli, 1810. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.
- PROCRUSTOGENICI Roeschke, 1898: 285 [stem: *Procrust-*]. Type genus: *Procrustes* Bonelli, 1810.
- APLOTHORACINA Lapouge, 1927: 45 [stem: *Aplothorac-*]. Type genus: *Aplothorax* G. R. Waterhouse, 1842.
- *CALLISTHENIENS Lapouge, 1927: 47 [stem: *Callisthen-*]. Type genus: *Callisthenes* Fischer von Waldheim, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; family-group name proposed as new without reference to CALLISTHENISIDAE Gistel, 1848.
- CECHENOGENICI Csiki, 1927: 110 [stem: *Cechen-*]. Type genus: *Cechenus* Fischer von Waldheim, 1822.
- TRIBACOGENICI Csiki, 1927: 121 [stem: *Tribac-*]. Type genus: *Tribax* Fischer von Waldheim, 1817.
- MEGADONTICI Csiki, 1927: 60 [stem: *Megodont-*]. Type genus: *Megodontus* Solier, 1848 [as *Megadontus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CEROGLOSSINI Lapouge, 1927

- CEROGLOSSINA Lapouge, 1927: 45 [stem: *Cerogloss-*]. Type genus: *Ceroglossus* Solier, 1848.

Tribe CYCHRINI Perty, 1830

- CYCHRINI Perty, 1830: 6 [stem: *Cychr-*]. Type genus: *Cychrus* Fabricius, 1794. Comment: name previously attributed to Laporte (1834b: 86).

Tribe PAMBORINI Hope, 1838

- PAMBORIDAE Hope, 1838a: 47 [stem: *Pambor-*]. Type genus: *Pamborus* Latreille, 1812.

Subfamily LORICERINAE Bonelli, 1810

LORICERIDES Bonelli, 1810: Tabula Synoptica [stem: *Loricer-*]. Type genus: *Loricera* Latreille, 1802.

Subfamily OMOPHRONINAE Bonelli, 1810

OMOPHRONII Bonelli, 1810: Tabula Synoptica [stem: *Omophron-*]. Type genus: *Omophron* Latreille, 1802.

SCOLYTI Motschulsky, 1850: 91 [stem: *Scolyt-*]. Type genus: *Scolytus* Fabricius, 1790 [preoccupied genus name, not *Scolytus* Geoffroy, 1762 [Coleoptera: CURCULIONIDAE]; syn. of *Omophron* Latreille, 1802]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; SCOLYTINAE/-INI Latreille, 1804 are currently used as valid in CURCULIONIDAE.

EPACTIINI Fauvel, 1888: 1 [stem: *Epacti-*]. Type genus: *Epactius* Schneider, 1791 [syn. of *Omophron* Latreille, 1802].

Subfamily ELAPHRINAE Latreille, 1802

ELAPHRII Latreille, 1802: 81 [stem: *Elaphr-*]. Type genus: *Elaphrus* Fabricius, 1775.

Subfamily MIGADOPINAE Chaudoir, 1861

MIGADOPIDAE Chaudoir, 1861b: 510 [stem: *Migadop-*]. Type genus: *Migadops* G. R. Waterhouse, 1842.

Tribe AMAROTYPINI Erwin, 1985

AMAROTYPINI Erwin, 1985: 468 [stem: *Amarotyp-*]. Type genus: *Amarotypus* H. W. Bates, 1872.

Tribe MIGADOPINI Chaudoir, 1861

MIGADOPIDAE Chaudoir, 1861b: 510 [stem: *Migadop-*]. Type genus: *Migadops* G. R. Waterhouse, 1842.

Subtribe AQUILICINA Moret, 2005

AQUILICINA Moret, 2005: 30 [stem: *Aquilic-*]. Type genus: *Aquilex* Moret, 1989.

Subtribe MIGADOPINA Chaudoir, 1861

MIGADOPIDAE Chaudoir, 1861b: 510 [stem: *Migadop-*]. Type genus: *Migadops* G. R. Waterhouse, 1842.

MONOLOBINAE Jeannel, 1938: 10, in key [stem: *Monolob-*]. Type genus: *Monolobus* Solier, 1849.

LOXOMERIFORMES Erwin, 1985: 446 [stem: *Loxomer-*]. Type genus: *Loxomerus* Chaudoir, 1842.

Subfamily HILETINAE Schiødte, 1848

HILETINI Schiødte, 1848: 69 [stem: *Hilet-*]. Type genus: *Hiletus* Schiødte, 1848.

CAMARAGNATHINI Csiki, 1927: 341 [stem: *Camaragnath-*]. Type genus: *Camaragnathus* Bertrand-Bocandé, 1849 [syn. of *Hiletus* Schiødte, 1847].

Subfamily SCARITINAE Bonelli, 1810

SCARITIDES Bonelli, 1810: Tabula Synoptica [stem: *Scarit-*]. Type genus: *Scarites* Fabricius, 1775.

Tribe CARENINI MacLeay, 1887

CARENIDES W. J. MacLeay, 1887: 117 [stem: *Caren-*]. Type genus: *Carenum* Bonelli, 1813.

Tribe CLIVININI Rafinesque, 1815

CLIVINIDIA Rafinesque, 1815: 109 [stem: *Clivin-*]. Type genus: *Clivina* Latreille, 1802.

Subtribe ARDISTOMINA Putzeys, 1867

ARDISTOMIDES Putzeys, 1867: 200 [stem: *Ardistom-*]. Type genus: *Ardistomis* Putzeys, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Csiki (1927: 547, as ARDISTOMINA), generally accepted as in Balkenohl (2003: 219, as ARDISTOMINA); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Ardistomid-*).

Subtribe CLIVININA Rafinesque, 1815

CLIVINIDIA Rafinesque, 1815: 109 [stem: *Clivin-*]. Type genus: *Clivina* Latreille, 1802.

REICHEINA Jeannel, 1957: 141, in key [stem: *Reichei-*]. Type genus: *Reicheia* Saulcy, 1862. Comment: incorrect original stem formation, not in prevailing usage.

ITALODYTINA Jeannel, 1957: 141, in key [stem: *Italodyt-*]. Type genus: *Italodytes* Müller, 1938.

REICHEIINA Basilewsky, 1980: 293 [stem: *Reichei-*]. Type genus: *Reicheia* Saulcy, 1862. Comment: family-group name proposed as new without reference to REICHEIINA Jeannel, 1957.

Subtribe FORCIPATORINA Bänninger, 1938

*OXYSTOMIDES Putzeys, 1867: 12 [stem: *Oxystom-*]. Type genus: *Oxystomus* Dejean, 1825 [preoccupied genus name, not *Oxystomus* Fischer von Waldheim, 1803 [Mammalia]; syn. of *Forcipator* Maindron, 1904]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Putzeys (1867).

OXYSTOMINA Csiki, 1927: 491. Type genus: *Oxystomus* Dejean, 1825 [preoccupied genus name, not *Oxystomus* Fischer von Waldheim, 1803 [Mammalia]; syn. of *Forcipator* Maindron, 1904]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

FORCIPATORINA Bänninger, 1938: 83 [stem: *Forcipator*-.] Type genus: *Forcipator* Maindron, 1904.

Tribe DALYATINI Mateu, 2002

DALYATINAE Mateu, 2002: 67 [stem: *Dalyat*-.] Type genus: *Dalyat* Mateu, 2002.

Tribe DYSCHIRIINI Kolbe, 1880

DYSCHIRIINI Kolbe, 1880: 266 [stem: *Dyschiri*-.] Type genus: *Dyschirius* Bonelli, 1810.

†Tribe PALAEOAXINIDIINI McKay, 1991

PALAEOAXINIDIINI McKay, 1991: 10 [stem: *Palaeoaxinidi*-.] Type genus: *Palaeoaxinidium* McKay, 1991. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PASIMACHINI Putzeys, 1867

PASIMACHIDES Putzeys, 1867: 3 [stem: *Pasimach*-.] Type genus: *Pasimachus* Bonelli, 1813. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Csiki (1927: 444, as PASIMACHINA).

Tribe PROMECOGNATHINI LeConte, 1853

PROMECOGNATHI J. L. LeConte, 1853b: 394 [stem: *Promecognath*-.] Type genus: *Promecognathus* Chaudoir, 1846.

AXINIDIINI Basilewsky, 1963: 307 [stem: *Axinidi*-.] Type genus: *Axinidium* Sturm, 1843.

Tribe SALCEDIINI Alluaud, 1930

SALCEDIINI Alluaud, 1930a: 21 [stem: *Salcedi*-.] Type genus: *Salcedia* Fairmaire, 1899.

Subtribe ANDROZELMINA Bell, 1998

ANDROZELMINA R. T. Bell, 1998: 271 [stem: *Androzelm*-.] Type genus: *Androzelmia* Dostal, 1993.

Subtribe SALCEDIINA Alluaud, 1930 (1929)

ZELMIDES Andrewes, 1929: 209, 416 [stem: *Zelm*-.] Type genus: *Zelma* Andrewes, 1920 [syn. of *Salcedia* Fairmaire, 1899]. Comment: use of younger name SALCEDIINA Alluaud, 1930 conserved over this name (Art. 40.2).

SALCEDIINI Alluaud, 1930a: 21 [stem: *Salcedi-*]. Type genus: *Salcedia* Fairmaire, 1899. Comment: name proposed to replace ZELMINI Andrewes, 1929 because of the synonymy of the type genus; use of SALCEDIINA conserved over ZELMINA Andrewes, 1929 (Art. 40.2).

Subtribe SOLENOGENYINA Bell, 1998

SOLENOGENYINA R. T. Bell, 1998: 271 [stem: *Solenogeny-*]. Type genus: *Solenogenys* Westwood, 1859.

Tribe SCARITINI Bonelli, 1810

SCARITIDES Bonelli, 1810: Tabula Synoptica [stem: *Scarit-*]. Type genus: *Scarites* Fabricius, 1775.

Subtribe ACANTHOSCELINA Csiki, 1927

ACANTHOSCELINA Csiki, 1927: 489 [stem: *Acanthoscel-*]. Type genus: *Acanthoscelis* Dejean, 1825. Comment: the incorrect stem formation is in prevailing usage (should be *Acanthoscelid-*) and is maintained (Art. 29.3.1.1); usage of the stem *Acanthoscel-* avoids homonymy with ACANTHOSCELIDINA Bridwell, 1946 (type genus *Acanthoscelides* Schilsky, 1905) in CHRYSOMELIDAE.

Subtribe CORINTASCARINA Basilewsky, 1973

CORINTASCARINI Basilewsky, 1973a: 10 [stem: *Corintascar-*]. Type genus: *Corintascaris* Basilewsky, 1952. Comment: current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Corintascarid-*).

Subtribe DYSCHERINA Basilewsky, 1973

DYSCHERINA Basilewsky, 1973a: 101 [stem: *Dyscher-*]. Type genus: *Dyscherus* Chaudoir, 1855.

Subtribe OCHYROPINA Basilewsky, 1973

OCHYROPINI Basilewsky, 1973a: 9 [stem: *Ochyrop-*]. Type genus: *Ochyropus* Schiødte, 1847. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Ochyropod-*).

Subtribe OXYLOBINA Andrewes, 1929

OXYLOBIDES Andrewes, 1929: 209, 292 [stem: *Oxylob-*]. Type genus: *Oxylobus* Chaudoir, 1855.

Subtribe SCAPTERINA Putzeys, 1867

SCAPTÉRIDES Putzeys, 1867: 7 [stem: *Scapter-*]. Type genus: *Scapterus* Dejean, 1826. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Csiki (1927: 490, as SCAPTERINA), generally accepted as in Balkenohl (2003: 231, as SCAPTERINA).

PASSALIDIINA Csiki, 1927: 489 [stem: *Passalidi-*]. Type genus: *Passalidius* Chaudoir, 1863.

Subtribe SCARITINA Bonelli, 1810

SCARITIDES Bonelli, 1810: Tabula Synoptica [stem: *Scarit-*]. Type genus: *Scarites* Fabricius, 1775.

Subtribe STORTHODONTINA Jeannel, 1946

STORTHODONTINI Jeannel, 1946: 237, in key [stem: *Storthodont-*]. Type genus: *Storthodontus* Chaudoir, 1855.

Subfamily BROSCINAE Hope, 1838

BROSCHIDAE Hope, 1838a: 80 [stem: *Brosch-*]. Type genus: *Broschus* Panzer, 1813.

Tribe BROSCINI Hope, 1838

BROSCHIDAE Hope, 1838a: 80 [stem: *Brosch-*]. Type genus: *Broschus* Panzer, 1813.

Subtribe AXONYINA Roig-Juñent, 2000

AXONYINA Roig-Juñent, 2000: 18 [stem: *Axony-*]. Type genus: *Axonya* Andrewes, 1923.

Subtribe BARIPODINA Jeannel, 1941

BARYPITAE Jeannel, 1941: 287, in key [stem: *Baripod-*]. Type genus: *Baripus* Dejean, 1828 [as *Barypus*, unjustified emendation of type genus name by Agassiz (1846b: 43), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe BROSCINA Hope, 1838

BROSCHIDAE Hope, 1838a: 80 [stem: *Brosch-*]. Type genus: *Broschus* Panzer, 1813 [as *Broschus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

CEPHALOTIDA Heer, 1838: 12 [stem: *Cephalot-*]. Type genus: *Cephalotes* Bonelli, 1810 [preoccupied genus name, not *Cephalotes* Latreille, 1802 [Hymenoptera]; syn. of *Broschus* Panzer, 1813]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ZACOTINI G. H. Horn, 1881: 169 [stem: *Zacot-*]. Type genus: *Zacotus* J. L. LeConte, 1869.

Subtribe CREOBIIINA Jeannel, 1941

CREOBITAE Jeannel, 1941: 287, in key [stem: *Creobi*-.] Type genus: *Creobius* Guérin-Ménéville, 1838. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe NOTHOBROSCINA Roig-Juñent, 2000

NOTHOBROSCINA Roig-Juñent, 2000: 32 [stem: *Nothobrosc*-.] Type genus: *Nothobroscus* Roig-Juñent and Ball, 1995.

Subfamily APOTOMINAE LeConte, 1853

APOTOMI J. L. LeConte, 1853b: 370 [stem: *Apotom*-.] Type genus: *Apotomus* Illiger, 1807.

Subfamily SIAGONINAE Bonelli, 1813

SIAGONES Bonelli, 1813: 24 [stem: *Siagon*-.] Type genus: *Siagona* Latreille, 1804.

Tribe ENCELADINI Horn, 1881

ENCELADINI G. H. Horn, 1881: 118 [stem: *Encelad*-.] Type genus: *Enceladus* Bonelli, 1813.

Tribe LUPERCINI Lecordier, 1977

LUPERCINI Lecordier, 1977: 628 [stem: *Luperc*-.] Type genus: *Luperca* Laporte, 1840.

Tribe SIAGONINI Bonelli, 1813

SIAGONES Bonelli, 1813: 24 [stem: *Siagon*-.] Type genus: *Siagona* Latreille, 1804.

Subfamily MELAENINAE Csiki, 1933

COSCINIDES Chaudoir, 1876b: 115 [stem: *Coscini*-.] Type genus: *Coscinia* Dejean, 1831 [preoccupied genus name, not *Coscinia* Hübner, 1819 [Lepidoptera]; syn. of *Cymbionotum* Baudi, 1864]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

GRANIGERINI Bedel, 1900: 24 [stem: *Graniger*-.] Type genus: *Graniger* sensu Chaudoir, 1876 [not *Graniger* Motschulsky, 1864; syn. of *Cymbionotum* Baudi, 1864]. Comment: based on a misidentified type genus; an application will need to be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) if GRANIGERINI Antoine, 1959 in HARPALINAE: HARPALINI: HARPALINA is to be used as valid in the future.

MELAENINAE Csiki, 1933: 1650 [stem: *Melaen*-.] Type genus: *Melaenus* Dejean, 1831. Comment: published 26 May 1933; name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Lorenz (1998b: 149) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

CYMBIONOTINI Andrewes, 1933: 3 [stem: *Cymbionot-*]. Type genus: *Cymbionotum* Baudi di Selve, 1864. Comment: published 30 June 1933.

Subfamily GEHRINGIINAE Darlington, 1933

GEHRINGIINI Darlington, 1933: 110 [stem: *Gehringi-*]. Type genus: *Gehringia* Darlington, 1933.

Tribe GEHRINGIINI Darlington, 1933

GEHRINGIINI Darlington, 1933: 110 [stem: *Gehringi-*]. Type genus: *Gehringia* Darlington, 1933.

Subtribe GEHRINGIINA Darlington, 1933

GEHRINGIINI Darlington, 1933: 110 [stem: *Gehringi-*]. Type genus: *Gehringia* Darlington, 1933.

Subtribe HELENAEINA Deuve, 2007

HELENAEINA Deuve, 2007: 217 [stem: *Helenae-*]. Type genus: *Helenaea* Schatzmayr and Koch, 1934.

Subfamily TRECHINAE Bonelli, 1810

TRECHII Bonelli, 1810: Tabula Synoptica [stem: *Trech-*]. Type genus: *Trechus* Clairville, 1806.

Tribe BEMBIDIINI Stephens, 1827

BEMBIDIIDAE Stephens, 1827: 5 [stem: *Bembidi-*]. Type genus: *Bembidion* Latreille, 1802 [as *Bembidium*, unjustified emendation of type genus name by Gyllenhal (1810: 12), not in prevailing usage].

Subtribe ANILLINA Jeannel, 1937

ANILLINI Jeannel, 1937: 244, in key [stem: *Anill-*]. Type genus: *Anillus* Jacquelin du Val, 1851. Comment: precedence (ANILLINA Jeannel, 1937 vs SCOTODIPNINA Jeannel, 1937) given to taxon originally proposed at the higher rank (Art. 24.1).

SCOTODIPNINA Jeannel, 1937: 265, in key [stem: *Scotodipn-*]. Type genus: *Scotodipnus* Schaum, 1860.

TYPHLOCHARINA Jeanne, 1973: 95, in key [stem: *Typhlocharit-*]. Type genus: *Typhlocharis* Dieck, 1869. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe BEMBIDIINA Stephens, 1827

BEMBIDIIDAE Stephens, 1827: 5 [stem: *Bembidi-*]. Type genus: *Bembidion* Latreille, 1802 [as *Bembidium*, unjustified emendation of type genus name by Gyllenhal (1810), not in prevailing usage].

PERYPHIDAE Kirby, 1837: 52 [stem: *Peryph-*]. Type genus: *Peryphus* Dejean, 1821.

Subtribe TACHYINA Motschulsky, 1862

TACHYAIRES Motschulsky, 1862: 24 [stem: *Tachy-*]. Type genus: *Tachys* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1990c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jeannel (1941: 401, 422, as TACHYINI), generally accepted as in J. K. Park et al. (2006: 91, as TACHYINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Tache-*, see Alonso-Zarazaga 2007).

MICRATOPINI Casey, 1914a: 42 [stem: *Micratop-*]. Type genus: *Micratopus* Casey, 1914.

LIMNASTINI Jeannel, 1937: 245, in key [stem: *Lymnast-*]. Type genus: *Lymnastis* Motschulsky, 1862 [as *Limnastis*, unjustified emendation of type genus name by Ganglbauer (1891a: 181), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe XYSTOSOMINA Erwin, 1994

XYSTOSOMINA Erwin, 1994: 560 [stem: *Xystosom-*]. Type genus: *Xystosomus* Schaum, 1863.

Tribe HOROLOGIONINI Jeannel, 1949

HOROLOGIONIDAE Jeannel, 1949b: 91 [stem: *Horologion-*]. Type genus: *Horologion* J. M. Valentine, 1932. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Horologi-*).

Tribe POGONINI Laporte, 1834

POGONIDAE Laporte, 1834b: 70 [stem: *Pogon-*]. Type genus: *Pogonus* Dejean, 1821.

POGONOPSINI Bedel, 1900: 20 [stem: *Pogonopse-*]. Type genus: *Pogonopsis* Bedel, 1898. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TRECHINI Bonelli, 1810

TRECHII Bonelli, 1810: Tabula Synoptica [stem: *Trech-*]. Type genus: *Trechus* Clairville, 1806.

Subtribe AEPINA Fowler, 1887

AËPYES Fowler, 1887: 123 [stem: *Aep-*]. Type genus: *Aepus* Samouelle, 1819.

TEMNOSTEGINI Enderlein, 1909: 376 [stem: *Temnosteg-*]. Type genus: *Temnostega* Enderlein, 1905.

Subtribe CNIDINA Jeannel, 1958

CNIDINA Jeannel, 1958b: 733 [stem: *Cnid-*]. Type genus: *Cnides* Motschulsky, 1862. Comment: name proposed after 1930 without description or bib-

liographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Casale and Laneyrie (1982: 9, as CNIDINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Subtribe PERILEPTINA Sloane, 1903

PERILEPTIDES Sloane, 1903: 583 [stem: *Perilept-*]. Type genus: *Perileptus* Schaum, 1860. Comment: PERILEPTIDES Sloane, 1903 was treated as Latin and available in Madge (1989: 466) but the valid name for this taxon was listed as PERILEPTI Jeannel, 1922 by Csiki (1928) and PERILEPTINA Jeannel, 1922 by Lorenz (2005); we follow the usage of Madge (1989).

OCHTHEPHILINI Jeannel, 1922: 165 [stem: *Ochthephil-*]. Type genus: *Ochthephilus* Nietner, 1857 [preoccupied genus name, not *Ochthephilus* Mulsant and Rey, 1856 [Coleoptera: STAPHYLINIDAE]; syn. of *Perileptus* Schaum, 1860]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Subtribe PLOCAMOTRECHINA Jeannel, 1960

*PLOCAMOTRECHINA Jeannel, 1958b: 733 [stem: *Plocamotrech-*]. Type genus: *Plocamotrechus* Jeannel, 1926 [syn. of *Pachydesus* Motschulsky, 1864]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PLOCAMOTRECHINA Jeannel, 1960: 53, in key [stem: *Plocamotrech-*]. Type genus: *Plocamotrechus* Jeannel, 1926 [syn. of *Pachydesus* Motschulsky, 1864].

Subtribe TRECHINA Bonelli, 1810

TRECHII Bonelli, 1810: Tabula Synoptica [stem: *Trech-*]. Type genus: *Trechus* Clairville, 1806.

*APHAENOPSES Fauvel, 1888: 7 [stem: *Aphoenop-*]. Type genus: *Aphoenops* Bonvouloir, 1861 [as *Aphaenops*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

HOMALODERINI Jeannel, 1926: 397, in key [stem: *Omaloder-*]. Type genus: *Omalodera* Blanchard, 1842 [as *Homalodera*, unjustified emendation of type genus name by Gemminger and Harold (1868a: 389), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TRECHODINA Jeannel, 1926

TRECHODINI Jeannel, 1926: 469 [stem: *Trechod-*]. Type genus: *Trechodes* Blackburn, 1901.

THALASSOPHILI Csiki, 1928: 233 [stem: *Thalassophil-*]. Type genus: *Thalassophilus* Wollaston, 1854.

Tribe ZOLINI Sharp, 1886

ZOLINI Sharp, 1886a: 371 [stem: *Zol-*]. Type genus: *Zolus* Sharp, 1886.

Subtribe CHALTENIINA Roig-Juñent and Cicchino, 2001

CHALTENIINA Roig-Juñent and Cicchino, 2001: 658 [stem: *Chalteni-*]. Type genus: *Chaltenia* Roig-Juñent and Cicchino, 2001.

Subtribe SINOZOLINA Deuve, 1997

SINOZOLINI Deuve, 1997: 35 [stem: *Sinozol-*]. Type genus: *Sinozolus* Bedel, 1898.

Subtribe ZOLINA Sharp, 1886

ZOLINI Sharp, 1886a: 371 [stem: *Zol-*]. Type genus: *Zolus* Sharp, 1886.

MERIZODINI Sloane, 1920: 139 [stem: *Merizodont-*]. Type genus: *Merizodus* Solier, 1849. Comment: incorrect original stem formation, not in prevailing usage.

*OOPTERINI Jeannel, 1938: 45 [stem: *Oopter-*]. Type genus: *Oopterus* Guérin-Méneville, 1841. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

OOPTERINI Jeannel, 1940: 93 [stem: *Oopter-*]. Type genus: *Oopterus* Guérin-Méneville, 1841.

Subfamily PATROBINA Kirby, 1837

PATROBIDAE Kirby, 1837: 50 [stem: *Patrob-*]. Type genus: *Patrobus* Dejean, 1821.

Tribe LISSOPOGONINI Zamotajlov, 2000

LISSOPOGONINI Zamotajlov, 2000: 266 [stem: *Lissopogon-*]. Type genus: *Lissopogonus* Andrewes, 1923.

ZOLINOPATROBINA Deuve and Tian, 2001: 421 [stem: *Zolinopatrob-*]. Type genus: *Zolinopatrobis* Deuve and Tian, 2001 [syn. of *Lissopogonus* Andrewes, 1923].

Tribe PATROBINI Kirby, 1837

PATROBIDAE Kirby, 1837: 50 [stem: *Patrob-*]. Type genus: *Patrobus* Dejean, 1821.

Subtribe DELTOMERINA Chaudoir, 1871

DELTOMERIDAE Chaudoir, 1871a: 51 [stem: *Deltomer-*]. Type genus: *Deltomerus* Motschulsky, 1850.

Subtribe DELTOMERODINA Zamotajlov, 2002

DELTOMERODINA Zamotajlov, 2002: 83 [stem: *Deltomerod-*]. Type genus: *Deltomerodes* Deuve, 1992.

Subtribe PATROBINA Kirby, 1837

PATROBIDAE Kirby, 1837: 50 [stem: *Patrob-*]. Type genus: *Patrobus* Dejean, 1821.

Subtribe PLATIDIOLINA Zamotajlov and Lafer, 2001

PLATIDIOLINI Zamotajlov and Lafer, 2001: 411 [stem: *Platidiol-*]. Type genus: *Platidiolus* Chaudoir, 1878.

Subfamily PSYDRINAE LeConte, 1853

PSYDRI J. L. LeConte, 1853b: 393 [stem: *Psydr-*]. Type genus: *Psydrus* J. L. LeConte, 1846.

Tribe AMBLYTELINI Blackburn, 1892

AMBLYTELIDES Blackburn, 1892: 85 [stem: *Amblytel-*]. Type genus: *Amblytelus* Erichson, 1842. Comment: the junior homonym AMBLYTELINAE Viereck, 1918 (type genus *Amblyteles* Wesmael, 1845) is available in Hymenoptera: ICHNEUMONIDAE, it is presently considered a synonym of ICHNEUMONINI Latreille, 1802; both family-group names are based on the same stem; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe MECYCLOTHORACINI Jeannel, 1940

MECYCLOTHORACITAE Jeannel, 1940: 97 [stem: *Mecyclothorac-*]. Type genus: *Mecyclothorax* Sharp, 1903. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Lorenz (1998a: 222) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Tribe MEONINI Sloane, 1898

MEONIDES Sloane, 1898: 470 [stem: *Meon-*]. Type genus: *Meonis* Laporte, 1867. Comment: current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Meonid-*).

Tribe MORIOMORPHINI Sloane, 1890

MORIOMORPHINI Sloane, 1890: 646 [stem: *Moriomorph-*]. Type genus: *Moriomorpha* Laporte, 1867.

MELISODERIDES Sloane, 1898: 470 [stem: *Melisoder-*]. Type genus: *Melisodera* Westwood, 1835.

Tribe PSYDRINI LeConte, 1853

PSYDRI J. L. LeConte, 1853b: 393 [stem: *Psydr-*]. Type genus: *Psydrus* J. L. LeConte, 1846.

NOMIIDAE Gozis, 1875: 3 [stem: *Nomi-*]. Type genus: *Nomius* Laporte, 1835. Comment: the younger name NOMIIDAE Robertson, 1904 (type genus *Nomia* Latreille, 1804) has been used in Hymenoptera and a Case was recently submitted to the Commission to emend the beetle family-group name to NOMIUSIDAE (Art. 55.3) in order to remove the homonymy (Engel and Bouchard 2009).

Tribe TROPOPTERINI Sloane, 1898

TROPOPTERIDES Sloane, 1898: 470 [stem: *Tropopter-*]. Type genus: *Tropopterus* Solier, 1849.

Subfamily NOTOTYLINAE Bänninger, 1927

TYLONOTINI Schaum, 1863: 74 [stem: *Tylonot-*]. Type genus: *Tylonotus* Schaum, 1863 [preoccupied genus name, not *Tylonotus* Haldeman, 1847 [Coleoptera: CERAMBYCIDAE], not *Tylonotus* Fieber, 1858 [Hemiptera]; syn. of *Nototylus* Gemminger and Harold, 1868]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NOTOTYLINI Bänninger, 1927: 177 [stem: *Nototyl-*]. Type genus: *Nototylus* Gemminger and Harold, 1868.

Subfamily PAUSSINAE Latreille, 1806

PAUSSILI Latreille, 1806: 234 [stem: *Pauss-*]. Type genus: *Paussus* Linnaeus, 1775.

Tribe METRIINI LeConte, 1853

METRII J. L. LeConte, 1853b: 394 [stem: *Metri-*]. Type genus: *Metrius* Eschscholtz, 1829.

Tribe MYSTROPOMINI Horn, 1881

MYSTROPOMINI G. H. Horn, 1881: 116 [stem: *Mystropom-*]. Type genus: *Mystropomus* Chaudoir, 1848.

Tribe OZAENINI Hope, 1838

OZAENIDAE Hope, 1838a: 107 [stem: *Ozaen-*]. Type genus: *Ozaena* A. G. Olivier, 1812.

*TROPOPSITOS Solier, 1849: 179 [stem: *Tropopse-*]. Type genus: *Tropopsis* Solier, 1849. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

PSEUDOZAENINI Sloane, 1905: 704 [stem: *Pseudozaen-*]. Type genus: *Pseudozaena* Laporte, 1834.

EUSTRINI Jeannel, 1946: 48 [stem: *Eustr-*]. Type genus: *Eustra* Schmidt-Göbel, 1846.

PACHYTELINI Jeannel, 1946: 47, in key [stem: *Pachytel-*]. Type genus: *Pachyteles* Perty, 1830.

PHYSEITAE Jeannel, 1946: 47, in key [stem: *Physe-*]. Type genus: *Physeia* Brullé, 1834.

Tribe PAUSSINI Latreille, 1806

PAUSSILI Latreille, 1806: 234 [stem: *Pauss-*]. Type genus: *Paussus* Linnaeus, 1775.

†Subtribe ARTHROPTERITINA Luna de Carvalho, 1961

ARTHROPTERITINA Luna de Carvalho, 1961: 3 [stem: *Arthropterit-*]. Type genus: *Arthropterites* Wasmann, 1926.

Subtribe CARABIDOMEMNINA Wasmann, 1928

*CARABIDOMEMNINEN Kolbe, 1927a: 178 [stem: *Carabidomemn-*]. Type genus: *Carabidomemnus* Kolbe, 1924. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

*EOHOMOPTERINEN Kolbe, 1927b: 214 [stem: *Eohomopter-*]. Type genus: *Eohomopter* Wasmann, 1920. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; the latinized form EOHOMOPTERINI was used by Nagel (1987: 33, 54, 55, 56) but it is unavailable because it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CARABIDOMEMNINAE Wasmann, 1928: 271 [stem: *Carabidomemn-*]. Type genus: *Carabidomemnus* Kolbe, 1924.

Subtribe CERAPTERINA Billberg, 1820

CERAPTERIDES Billberg, 1820a: 47 [stem: *Cerapter-*]. Type genus: *Cerapterus* Swederus, 1788.

MEGALOPAUSSINAE Wasmann, 1920: 111 [stem: *Megalopauss-*]. Type genus: *Megalopausus* Lea, 1906.

*ARTHROPTERINEN Kolbe, 1927b: 211 [stem: *Arthropter-*]. Type genus: *Arthropter* W. S. MacLeay, 1838. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

ARTHROPTERINI Wasmann, 1928: 274 [stem: *Arthropter-*]. Type genus: *Arthropter* W. S. MacLeay, 1838. Comment: ARTHROPTERIDAE Fieber, 1861 has been used in Hemiptera but it is not based on a genus and is therefore unavailable; ARTHROPTERINI Wasmann, 1928 is a junior homonym of ARTHROPTERIDAE Jordan, 1923 proposed in Pisces (type genus *Arthropter* Agassiz, 1843, preoccupied genus name replaced by *Arthrobatis* Whitley 1940); the Pisces name is permanently invalid since its type genus is a junior homonym; an application to the Commission is needed to conserve the Coleoptera name if it is to be used as valid.

*MESARTHROPTERINA Nagel, 1987: 60 [stem: *Mesarthropter-*]. Type genus: *Mesarthropter* Wasmann, 1926. Comment: unavailable family-group

name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

†Subtribe EOPAUSSINA Luna de Carvalho, 1951

*EOPAUSSINA Darlington, 1950: 84 [stem: *Eopauss-*]. Type genus: *Eopaussus* Wasmann, 1926. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EOPAUSSINAE Luna de Carvalho, 1951: 22 [stem: *Eopauss-*]. Type genus: *Eopaussus* Wasmann, 1926.

Subtribe HETEROPAUSSINA Janssens, 1950

PLEUROPTERINI Wasmann, 1920: 111 [stem: *Pleuropter-*]. Type genus: *Pleuropterus* Westwood, 1841 [preoccupied genus name, not *Pleuropterus* Burnett, 1829 [Mammalia]; syn. of *Janssenius* Luna de Carvalho, 1951]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

HETEROPAUSSINES Janssens, 1950: 5 (footnote) [stem: *Heteropauss-*]. Type genus: *Heteropaussus* J. Thomson, 1860.

JANSSENINI Luna de Carvalho, 1951: 18 [stem: *Jansseni-*]. Type genus: *Janssenius* Luna de Carvalho, 1951. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe HOMOPTERINA Wasmann, 1920

HOMOPTERINAE Wasmann, 1920: 111 [stem: *Homopter-*]. Type genus: *Homopterus* Westwood, 1841.

Subtribe PAUSSINA Latreille, 1806

PAUSSILI Latreille, 1806: 234 [stem: *Pauss-*]. Type genus: *Paussus* Linnaeus, 1775.

PLATYRHOPALINI Jeannel, 1946: 65 [stem: *Platyrhopal-*]. Type genus: *Platyrhopalus* Westwood, 1833.

ENNEAPOUSSINI Jeannel, 1946: 62 [stem: *Enneapauss-*]. Type genus: *Enneapaussus* Jeannel, 1946.

CERATODERINA Darlington, 1950: 107 [stem: *Ceratoder-*]. Type genus: *Ceratoderus* Westwood, 1841.

HYLOTORINI Luna de Carvalho, 1951: 50 [stem: *Hylotor-*]. Type genus: *Hylotorus* Dalman, 1823.

LELEUPAUSSINA Luna de Carvalho, 1989: 430 [stem: *Leleupauss-*]. Type genus: *Leleupaussus* Luna de Carvalho, 1962.

Subtribe PENTAPLATARTHINA Jeannel, 1946

*PENTAPLATARTHININEN Kolbe, 1927b: 214 [stem: *Pentaplatarthr-*]. Type genus: *Pentaplatarthrus* Westwood, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

PENTAPLATARTHRIINI Jeannel, 1946: 65 [stem: *Pentaplatarthr-*]. Type genus: *Pentaplatarthrus* Westwood, 1833.

HEXAPLATARTHRIINA Luna de Carvalho, 1961: 3 [stem: *Hexaplatarthr-*]. Type genus: *Hexaplatarthrus* Jeannel, 1955.

Tribe PROTOPAUSSINI Gestro, 1892

PROTOPAUSSINI Gestro, 1892: 707 [stem: *Protopauss-*]. Type genus: *Protopaussus* Gestro, 1892.

Subfamily BRACHININAE Bonelli, 1810

BRACHINII Bonelli, 1810: Tabula Synoptica [stem: *Brachin-*]. Type genus: *Brachinus* Weber, 1801.

Tribe BRACHININI Bonelli, 1810

BRACHINII Bonelli, 1810: Tabula Synoptica [stem: *Brachin-*]. Type genus: *Brachinus* Weber, 1801.

Subtribe APTININA Gistel, 1848

APTINIDAE Gistel, 1848: [2] [stem: *Aptin-*]. Type genus: *Aptinus* Bonelli, 1810.

Comment: APTEMIDAE Gistel (1856a: 356) is probably a misspelling of APTINIDAE (see Madge 1989: 460).

STYPHLOMERINI Habu, 1984: 133 [stem: *Styphlomer-*]. Type genus: *Styphlomerus* Chaudoir, 1875.

Subtribe BRACHININA Bonelli, 1810

BRACHINII Bonelli, 1810: Tabula Synoptica [stem: *Brachin-*]. Type genus: *Brachinus* Weber, 1801.

Subtribe MASTACINA Erwin, 1970

MASTACINA Erwin, 1970: 28, 32 [stem: *Mastac-*]. Type genus: *Mastax* Fischer von Waldheim, 1828.

Subtribe PHEROPSOPHINA Jeannel, 1949

PHEROPSOPHINI Jeannel, 1949c: 1083, in key [stem: *Pheropsoph-*]. Type genus: *Pheropsophus* Solier, 1833.

Tribe CREPIDOGASTRINI Jeannel, 1949

CREPIDOGASTRITAE Jeannel, 1949c: 1080 [stem: *Crepidogastr-*]. Type genus: *Crepidogaster* Boheman, 1848.

Subfamily HARPALINAE Bonelli, 1810

HARPALII Bonelli, 1810: Tabula Synoptica [stem: *Harpal-*]. Type genus: *Harpalus* Latreille, 1802. Comment: First Reviser (HARPALINAE Bonelli, 1810 vs

DRYPTINAE Bonelli, 1810 vs LEBIINAE Bonelli, 1810 vs LICININAE Bonelli, 1810 vs PANAGAEINAE Bonelli, 1810 vs PLATYNINAE Bonelli, 1810 vs PTEROSTICHINAE Bonelli, 1810 vs ZABRINAE Bonelli, 1810 vs ZUPHIINAE Bonelli, 1810) not determined, current usage maintained; GRAPHIPTERINAE Latreille, 1802 has precedence over this taxon, however, HARPALINAE Bonelli, 1810 is in prevailing usage and is maintained (Art. 35.5).

Tribe ABACETINI Chaudoir, 1873

ABACÉTIDES Chaudoir, 1873a: 5 [stem: *Abacet-*]. Type genus: *Abacetus* Dejean, 1828. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by H. W. Bates (1873: 224, as ABACETINAE), generally accepted as in Bousquet (2003: 346, as ABACETINI).

CELIOSCHESINI Jeannel, 1948b: 442 [stem: *Celioschese-*]. Type genus: *Celioschesis* Tschitschérine, 1898 [syn. of *Aristopus* LaFerté-Sénectère, 1853]. Comment: incorrect original stem formation, not in prevailing usage.

LOXANDRINA Erwin and Sims, 1984: 383, in key [stem: *Loxandr-*]. Type genus: *Loxandrus* J. L. LeConte, 1852.

LOXANDRINI Bousquet and Larochelle, 1993: 31 [stem: *Loxandr-*]. Type genus: *Loxandrus* J. L. LeConte, 1852. Comment: family-group name proposed as new without reference to LOXANDRINA Erwin and Sims, 1984.

Tribe AMORPHOMERINI Sloane, 1923

TRIMERINAE Alluaud, 1922: 500 [stem: *Trimer-*]. Type genus: *Trimerus* Chaudoir, 1878 [preoccupied genus name, not *Trimerus* Green, 1832 [Trilobita]; syn. of *Amorphomerus* Sloane, 1923]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AMORPHOMERINI Sloane, 1923a: 249 [stem: *Amorphomer-*]. Type genus: *Amorphomerus* Sloane, 1923.

Tribe ANTHIINI Bonelli, 1813

ANTHIES Bonelli, 1813: 18 [stem: *Anthi-*]. Type genus: *Anthia* Weber, 1801.

POLYHIRMI Rousseau, 1905: 3, in key [stem: *Polyhirm-*]. Type genus: *Polyhirma* Chaudoir, 1850.

CYPHOLOBINI G. Strohmeier, 1928: 287 [stem: *Cypholob-*]. Type genus: *Cypholoba* Chaudoir, 1850.

Tribe ATRANINI Horn, 1881

ATRANI G. H. Horn, 1881: 145 [stem: *Atran-*]. Type genus: *Atranus* J. L. LeConte, 1848.

Tribe BASCANINI Basilewsky, 1953

BASCANINI Basilewsky, 1953a: 165 [stem: *Bascan-*]. Type genus: *Bascanus* Péringuey, 1896.

Tribe CALOPHAENINI Jeannel, 1948

*CALOPHAENIDAE Jeannel, 1942: 1017 [stem: *Calophaen*-.] Type genus: *Calophaena* Klug, 1821. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CALOPHAENIDAE Jeannel, 1948b: 378 [stem: *Calophaen*-.] Type genus: *Calophaena* Klug, 1821.

Tribe CATAPIESEINI Bates, 1882

CATAPIESINAE H. W. Bates, 1882: 90 [stem: *Catapiese*-.] Type genus: *Catapiesis* Solier, 1835. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CHAETODACTYLINI Tschitschérine, 1903

CHAETODACTYLINI Tschitschérine, 1903: 157 [stem: *Chaetodactyl*-.] Type genus: *Chaetodactyla* Tschitschérine, 1897.

Tribe CHAETOGENYINI Emden, 1958

CHAETOGENYINA Emden, 1958: 24 [stem: *Chaetogeny*-.] Type genus: *Chaetogenys* Emden, 1958.

Tribe CHLAENIINI Brullé, 1834

CHLAENIDES Brullé, 1834: 123 [stem: *Chlaeni*-.] Type genus: *Chlaenius* Bonelli, 1810.

Subtribe CALLISTINA Laporte, 1834

CALLISTIDAE Laporte, 1834b: 80 [stem: *Callist*-.] Type genus: *Callistus* Bonelli, 1810. Comment: published before 9 August 1834.

EUSYNETADAE Gistel, 1856a: 356 [stem: *Eusynet*-.] Type genus: *Eusyneta* Gistel, 1856 [syn. of *Callistus* Bonelli, 1810]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe CHLAENIINA Brullé, 1834

CHLAENIDES Brullé, 1834: 123 [stem: *Chlaeni*-.] Type genus: *Chlaenius* Bonelli, 1810. Comment: published before 2 August 1834; original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1837: 96, as CHLAENIINI), generally accepted as in Lorenz (2005: 328, as CHLAENIINI); incorrect original stem formation, not in prevailing usage.

LISSAUCHENIIDAE Gistel, 1848: [2] [stem: *Lissaucheni*-.] Type genus: *Lissauchenus* W. S. MacLeay, 1825.

RHOPALOMELINI Alluaud, 1930b: 105 [stem: *Rhopalomel*-.] Type genus: *Rhopalomelus* Boheman, 1848.

- CHLAENIODINI Jeannel, 1949c: 777 [stem: *Chlaeniod-*]. Type genus: *Chlaeniodus* Jeannel, 1949.
- ECCOPTOMENINI Jeannel, 1949c: 821 [stem: *Eccoptomen-*]. Type genus: *Eccoptomenus* Chaudoir, 1850.
- CHLAENIONINI Jeannel, 1949c: 776, in key [stem: *Chlaenion-*]. Type genus: *Chlaenionus* Kuntzen, 1913.
- PROCKETINI Basilewsky, 1950b: 49 [stem: *Procket-*]. Type genus: *Procketus* Péringuey, 1896.
- PLEROTICINI Basilewsky, 1950b: 50 [stem: *Plerotic-*]. Type genus: *Pleroticus* Péringuey, 1896.
- CALLISTOIDINI Basilewsky, 1950b: 51 [stem: *Callistoid-*]. Type genus: *Callistoides* Motschulsky, 1865.
- HARPAGLOSSINI Basilewsky, 1950b: 52 [stem: *Harpagloss-*]. Type genus: *Harpaglossus* Motschulsky, 1858.
- LEPTODINODINI Basilewsky and Grundmann, 1955: 205 [stem: *Leptodinod-*]. Type genus: *Leptodinodes* Jeannel, 1949.
- CHLAENIOCTENINI Basilewsky and Grundmann, 1955: 204 [stem: *Chlaeniocten-*]. Type genus: *Chlaenioctenus* H. W. Bates, 1892.
- BRACHYLOBINI Basilewsky and Grundmann, 1955: 204 [stem: *Brachylob-*]. Type genus: *Brachylobus* Chaudoir, 1876.

Tribe CNEMALOBINI Germain, 1911

- CNÉMACANTHIDES Lacordaire, 1854a: 237 [stem: *Cnemacanth-*]. Type genus: *Cnemacanthus* sensu Brullé, 1834 [not *Cnemacanthus* Gray, 1832; syn. of *Cnemalobus* Guérin-Ménéville, 1838]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1860: 353, as CNEMACANTHIDAE), generally accepted as in Broun (1880: 7, as CNEMACANTHIDAE); based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).
- CNEMALOBINI Germain, 1911: 53 [stem: *Cnemalob-*]. Type genus: *Cnemalobus* Guérin-Ménéville, 1838.
- CNEMALOBINI Bousquet and Laroche, 1993: 27 [stem: *Cnemalob-*]. Type genus: *Cnemalobus* Guérin-Ménéville, 1838. Comment: proposed as a new without reference to CNEMALOBINI Germain, 1911.

Tribe CRATOCERINI Lacordaire, 1854

- CRATOCÉRIDES Lacordaire, 1854a: 257 [stem: *Cratocer-*]. Type genus: *Cratocerus* Dejean, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Murray (1858: 343, as CRATOCERIDAE), generally accepted as in Csiki (1929: 493, as CRATOCERI).

Tribe CTENODACTYLINI Laporte, 1834

CTENODACTYLIDAE Laporte, 1834b: 45 [stem: *Ctenodactyl*-.] Type genus: *Ctenodactyla* Dejean, 1825.

*LEPTOTRACHÉLIDES Chaudoir, 1848: 52 [stem: *Leptotrachel*-.] Type genus: *Leptotrachelus* Latreille, 1829. Comment: original vernacular name unavailable (Art. 11.7.2); not subsequently latinized, also originally proposed in synonymy with RHAGOCREPIDES (see Madge 1989: 464).

RHAGOCREPIDES Chaudoir, 1848: 52 [stem: *Rhagocrepid*-.] Type genus: *Rhagocrepis* Eschscholtz, 1829 [syn. of *Leptotrachelus* Latreille, 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in Chaudoir (1861b: 528, as RHAGOCREPIDAE); incorrect original stem formation, not in prevailing usage.

Tribe CUNEIPECTINI Sloane, 1907

CUNEIPECTINI Sloane, 1907a: 358 [stem: *Cuneitect*-.] Type genus: *Cuneitectus* Sloane, 1907. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Cuneipector*-).

Tribe CYCLOSOMINI Laporte, 1834

CYCLOSOMIDAE Laporte, 1834b: 69 [stem: *Cyclosom*-.] Type genus: *Cyclosomus* Latreille, 1829.

Subtribe CYCLOSOMINA Laporte, 1834

CYCLOSOMIDAE Laporte, 1834b: 69 [stem: *Cyclosom*-.] Type genus: *Cyclosomus* Latreille, 1829.

TÉTRAGONODÉRIDES Chaudoir, 1871b: 111 [stem: *Tetragonoder*-.] Type genus: *Tetragonoderus* Dejean, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in Chaudoir (1876a: 2, as TETRAGONODERIDAE).

SAROTHROCREPIDAE Chaudoir, 1876a: 83 [stem: *Sarothrocrepid*-.] Type genus: *Sarothrocrepis* Chaudoir, 1850. Comment: incorrect original stem formation, not in prevailing usage; Chaudoir also used the spelling SAROTHROCRÉPIDES in his original publication on page 80.

Subtribe MASOREINA Chaudoir, 1871

*SOMOPLATIDES Chaudoir, 1846: 511 [stem: *Somoplat*-.] Type genus: *Somoplatius* Dejean, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chaudoir (1846) and generally accepted as valid; this name was first used in latinized form by Carus and Engelmann (1861: 1806 [index], as SOMOPLATIDAE) referring to Chaudoir's paper, but the name was not used as valid; this name was treated as "vernacular, not scientific" by Ball (1979: 77); Basilewsky (1984: 527, as SOMOPLATINI) used this taxon as

valid but did not refer to Chaudoir's original vernacular name, SOMOPLATINI Basilewsky, 1984 is also unavailable since it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); Lorenz (2005: 451) listed this name as as "SOMOPLATIDES Chaudoir 1846 [suppr.]".

MAZORÉIDES Chaudoir, 1871b: 111 [stem: *Masore-*]. Type genus: *Masoreus* Dejean, 1821 [implicit use of *Mazoreus* as the type genus, which is an incorrect subsequent spelling of the type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Chaudoir (1876: 2, as MASOREIDAE), generally accepted as in Lorenz (2005: 451, as MASOREINA); incorrect stem formation, not in prevailing usage.

CORSYRINI Ganglbauer, 1891b: 53 [stem: *Corsyr-*]. Type genus: *Corsyra* Dejean, 1825.

AEPHNIDIINA Jakobson, 1907: 390 [stem: *Aephnidi-*]. Type genus: *Aephnidius* W. S. MacLeay, 1825.

ANALACINI Csiki, 1932b: 1287 [stem: *Anaulac-*]. Type genus: *Anaulacus* W. S. MacLeay, 1825. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 52) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

DISOPTERINI Jedlička, 1941: 6, in key [stem: *Discopter-*]. Type genus: *Discoptera* Semenov, 1889.

Tribe DERCYLINI Sloane, 1923

DERCYLINI Sloane, 1923b: 250a [stem: *Dercyl-*]. Type genus: *Dercylus* Laporte, 1832.

DERCYLIDAE Jeannel, 1948b: 626 [stem: *Dercyl-*]. Type genus: *Dercylus* Laporte, 1832. Comment: family-group name proposed as new without reference to DERCYLINI Sloane, 1923.

Tribe DRIMOSTOMATINI Chaudoir, 1872

DRIMOSTOMIDAS Chaudoir, 1872a: 283 [stem: *Drimostomat-*]. Type genus: *Drimostoma* Dejean, 1830 [syn. of *Caelostomus* W. S. MacLeay, 1825]. Comment: the original spelling DRIMOSTOMIDAS is the accusative (Latin) form of DRIMOSTOMIDAE and was recognized as such by Madge (1989: 463); original incorrect original stem formation, not in prevailing usage.

CAELOSTOMINA Burgeon, 1935: 194 [stem: *Caelostom-*]. Type genus: *Caelostomus* W. S. MacLeay, 1825.

CYRTOLAINA Whitehead and Ball, 1975: 595 [stem: *Cyrtola-*]. Type genus: *Cyrtolaus* H. W. Bates, 1882.

Tribe DRYPTINI Bonelli, 1810

DRYPTINAE Bonelli, 1810: Tabula Synoptica [stem: *Drypt-*]. Type genus: *Drypta* Latreille, 1797.

Tribe ENOICINI Basilewsky, 1985

ENOICINI Basilewsky, 1985: 16 [stem: *Enoic-*]. Type genus: *Enoicus* Péringuey, 1896.

Tribe GALERITINI Kirby, 1825

GALERITIDAE Kirby, 1825: 564 [stem: *Galerit-*]. Type genus: *Galerita* Fabricius, 1801 [*Galerita* Gouan, 1770 [Aves] has been suppressed both for the Principle of Priority and the Principle of Homonymy (ICZN 1968b); *Galerita* Fabricius, 1801 placed on the Official List of Generic Names in Zoology (ICZN 1968b)].

Subtribe GALERITINA Kirby, 1825

GALERITIDAE Kirby, 1825: 564 [stem: *Galerit-*]. Type genus: *Galerita* Fabricius, 1801 [*Galerita* Gouan, 1770 [Aves] has been suppressed both for the Principle of Priority and the Principle of Homonymy (ICZN 1968b); *Galerita* Fabricius, 1801 placed on the Official List of Generic Names in Zoology (ICZN 1968b)]. Comment: family-group name previously attributed to J. L. LeConte (1853b) or Lacordaire (1854a); name placed on the Official List of Family-Group Names in Zoology (ICZN 1968b, as GALERITINI Lacordaire, 1854).

GALERITININI Jeannel, 1949c: 1057 [stem: *Galeritin-*]. Type genus: *Galeritina* Jeannel, 1949 [syn. of *Galerita* Fabricius, 1801]. Comment: replacement name for "GALERITINI Lacordaire, 1854" because of the homonymy of the type genus; name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1968b).

GALERITULINI Jedlička, 1963: 279, in key [stem: *Galeritul-*]. Type genus: *Galeritula* Strand, 1936 [syn. of *Galerita* Fabricius, 1801]. Comment: replacement name for "GALERITINI Lacordaire, 1854" because of the homonymy of the type genus; name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1968b).

Subtribe PLANETINA Jedlička, 1941

PLANETINI Jedlička, 1941: 7, in key [stem: *Planet-*]. Type genus: *Planetes* W. S. MacLeay, 1825.

Tribe GEOBAENINI Péringuey, 1896

GEOBAENIDES Péringuey, 1896: 469 [stem: *Geobaen-*]. Type genus: *Geobaenus* Dejean, 1829.

Tribe GINEMINI Ball and Shepley, 2002

GINEMINI Ball and Shepley, 2002: 77 [stem: *Ginem-*]. Type genus: *Ginema* Ball and Shepley, 2002.

Tribe GLYPTINI Horn, 1881

GLYPTI G. H. Horn, 1881: 179 [stem: *Glypt-*]. Type genus: *Glyptus* Brullé, 1835 [*Glyptus* Hoffmannsegg, 1818 placed on the Official Index of Rejected and Invalid Generic Names in Zoology and *Glyptus* Brullé, 1835 placed on the Official List of Generic Names in Zoology (ICZN 1985b)].

Tribe GRAPHIPTERINI Latreille, 1802

GRAPHIPTERIDES Latreille, 1802: 83 [stem: *Graphipter-*]. Type genus: *Graphipterus* Latreille, 1802. Comment: usage of HARPALINAE Bonelli, 1810 is maintained over GRAPHIPTERINAE Latreille, 1802 (Art. 35.5).

Tribe HARPALINI Bonelli, 1810

HARPALII Bonelli, 1810: Tabula Synoptica [stem: *Harpal-*]. Type genus: *Harpalus* Latreille, 1802.

Subtribe ANISODACTYLINA Lacordaire, 1854 *nomen protectum*

EURYTRICHINI J. L. LeConte, 1847: 376 [stem: *Eurytrich-*]. Type genus: *Eurytrichus* J. L. LeConte, 1847 [syn. of *Anisotarsus* Chaudoir, 1837]. Comment: *nomen oblitum* (Appendix 1).

ANISODACTYLIDES Lacordaire, 1854a: 268 [stem: *Anisodactyl-*]. Type genus: *Anisodactylus* Dejean, 1829. Comment: *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Murray (1858: 346, as ANISODACTYLIDAE), generally accepted as in Lorenz (2005: 348, as ANISODACTYLINI).

ANISOTARSI Csiki, 1932a: 1039 [stem: *Anisotars-*]. Type genus: *Anisotarsus* Chaudoir, 1837. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 46) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

*GEOPINI Csiki, 1932a: 1026 [stem: *Geopin-*]. Type genus: *Geopinus* J. L. LeConte, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*GNATHAPHANI Schaubberger, 1934: 104, 106 [stem: *Gnathaphan-*]. Type genus: *Gnathaphanus* W. S. MacLeay, 1825. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe HARPALINA Bonelli, 1810

HARPALI Bonelli, 1810: Tabula Synoptica [stem: *Harpal-*]. Type genus: *Harpalus* Latreille, 1802. Comment: First Reviser found (HARPALINI Bonelli, 1810 vs DITOMINI Bonelli, 1810) is Noonan (1976: 28).

DITOMICI Bonelli, 1810: Tabula Synoptica [stem: *Ditom-*]. Type genus: *Ditomus* Bonelli, 1810.

ACINOPIDAE Laporte, 1834b: 67 [stem: *Acinopod-*]. Type genus: *Acinopus* Dejean, 1821. Comment: incorrect original stem formation, not in prevailing usage.

OPHONIDAE Laporte, 1834b: 68 [stem: *Ophon-*]. Type genus: *Ophonus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1990c)].

CRATOGNATHIDAE Laporte, 1834b: 70 [stem: *Cratognath-*]. Type genus: *Cratognathus* Dejean, 1829.

STENOMORPHIDAE Laporte, 1834b: 71 [stem: *Stenomorph-*]. Type genus: *Stenomorphus* Dejean, 1831.

DAPTINI J. L. LeConte, 1847: 371 [stem: *Dapt-*]. Type genus: *Daptus* Fischer von Waldheim, 1823.

AMBLYSTOMINI Fauvel, 1889: 17 [stem: *Amblystom-*]. Type genus: *Amblystomus* Erichson, 1837.

TRICHOSELAPHINI Tschitschérine, 1900: 351 [stem: *Trichopselaph-*]. Type genus: *Trichopselaphus* Chaudoir, 1843.

SELENOPHORINI Casey, 1914b: 134 [stem: *Selenophor-*]. Type genus: *Selenophorus* Dejean, 1829.

PACHYCARINA Stichel, 1923: 81 [stem: *Pachycar-*]. Type genus: *Pachycarus* Solier, 1835.

*DIOCTINI Csiki, 1932a: 1023a [stem: *Dioct-*]. Type genus: *Dioctes* Ménétriés, 1849 [syn. of *Machozetus* Chaudoir, 1850]. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

DIORYCHI Csiki, 1932a: 1193 [stem: *Diorych-*]. Type genus: *Dioryche* W. S. MacLeay, 1825. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 48) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

*MACHOZETI Csiki, 1932a: 1023 [stem: *Machozet-*]. Type genus: *Machozetus* Chaudoir, 1850. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

BRADYBAENI Csiki, 1932a: 1187 [stem: *Bradybaen-*]. Type genus: *Bradybaenus* Dejean, 1829. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however avail-

able because it was used as valid before 2000 as in Noonan (1976: 28) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); BRADYBAENIDAE Pilsbry, 1939 (type genus *Bradybaena* Beck, 1837) is currently used as valid in Mollusca, both family-group names have a correct stem; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

*EURYDERI Csiki, 1932a: 1081 [stem: *Euryder-*]. Type genus: *Euryderus* J. L. LeConte, 1846. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*HETERACANTHI Csiki, 1932a: 1085 [stem: *Heteracanth-*]. Type genus: *Heteracantha* Brullé, 1834. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*BARYSOMI Csiki, 1932a: 1192 [stem: *Barysom-*]. Type genus: *Barysomus* Dejean, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

MACHOZETI Schauburger, 1934: 99 [stem: *Machozet-*]. Type genus: *Machozetus* Chaudoir, 1850.

TRICHOTICHNINI Jeannel, 1942: 624 [stem: *Trichotichn-*]. Type genus: *Trichotichnus* Morawitz, 1863.

BLEUSEI Antoine, 1959: 386 [stem: *Bleuse-*]. Type genus: *Bleusea* Bedel, 1896.

ERITOMI Antoine, 1959: 354 [stem: *Eriotom-*]. Type genus: *Eriotomus* Piochard de la Brûlerie, 1873 [syn. of *Oedesis* Motschulsky, 1850].

GRANIGERI Antoine, 1959: 357 [stem: *Graniger-*]. Type genus: *Graniger* Motschulsky, 1864. Comment: an application will need to be submitted to the Commission to suppress GRANIGERINI Bedel, 1900 (based on the misidentified type genus *Graniger* sensu Chaudoir, 1876) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

CRATACANTHI Lindroth, 1968: 742 [stem: *Cratacanth-*]. Type genus: *Cratacanthus* Dejean, 1829.

*CARTEROPHONINI Jeanne, 1971: 11 [stem: *Carterophon-*]. Type genus: *Carterophonus* Ganglbauer, 1891 [syn. of *Graniger* Motschulsky, 1864]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe PELMATELLINA Bates, 1882

PELMATELLINAE H. W. Bates, 1882: 67 [stem: *Pelmatell-*]. Type genus: *Pelmatellus* H. W. Bates, 1882.

Subtribe STENOLOPHINA Kirby, 1837

STENOLOPHIDAE Kirby, 1837: 46 [stem: *Stelonoph-*]. Type genus: *Stenolophus* Dejean, 1821.

POLPOCHILINAE H. W. Bates, 1891a: 10 [stem: *Polpochil-*]. Type genus: *Polpochila* Solier, 1849.

ACUPALPINI Tschitschérine, 1900: 351 [stem: *Acupalp-*]. Type genus: *Acupalpus* Latreille, 1829.

CRATOCARINI Casey, 1914b: 48 [stem: *Cratocar-*]. Type genus: *Cratocara* J. L. LeConte, 1863 [syn. of *Polpochila* Solier, 1849].

PACHYTRACHELI Csiki, 1932a: 1082 [stem: *Pachytrachel-*]. Type genus: *Pachytrachelus* Chaudoir, 1852. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Jeannel (1948b: 720, as PACHYTRACHELINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

*AGONODERI Csiki, 1932a: 1188 [stem: *Agonoder-*]. Type genus: *Agonoderus* Dejean, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*BRADYCELLI Csiki, 1932a: 1222 [stem: *Bradycell-*]. Type genus: *Bradycellus* Erichson, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ANOPLOGENII Schauburger, 1937: 272 [stem: *Anoplogeni-*]. Type genus: *Anoplogenus* Chaudoir, 1852 [syn. of *Loxoncus* Schmidt-Göbel, 1846].

*DICHIROTRICHI F. Burmeister, 1939: 186 [stem: *Dicheirotrich-*]. Type genus: *Dicheirotrichus* Jacquelin du Val, 1855 [as *Dichirotrichus*, unjustified emendation of type genus name by Gemminger and Harold (1868a: 262), not in prevailing usage]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage (see Mudge 1989: 463).

BRADYCELLINI Jeannel, 1942: 700 [stem: *Bradycell-*]. Type genus: *Bradycellus* Erichson, 1837.

HIPPOLAETINA Basilewsky, 1951b: 258 [stem: *Hippoloet-*]. Type genus: *Hippoloetis* Laporte, 1835 [as *Hippolaetis*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

ANTHRACINI Schuler, 1970: 114 [stem: *Anthrac-*]. Type genus: *Anthracus* Motschulsky, 1850.

Tribe HELLUONINI Hope, 1838

HELLUONIDAE Hope, 1838a: 110 [stem: *Helluon-*]. Type genus: *Helluo* Bonelli, 1813.

Subtribe HELLUONINA Hope, 1838

HELLUONIDAE Hope, 1838a: 110 [stem: *Helluon-*]. Type genus: *Helluo* Bonelli, 1813.

Subtribe OMPHRINA Jedlička, 1941

OMPHRINI Jedlička, 1941: 6, in key [stem: *Omphr-*]. Type genus: *Omphra* Dejean, 1825.

HELLUOMORPHINA H. Reichardt, 1974: 226 [stem: *Helluomorph-*]. Type genus: *Helluomorpha* Laporte, 1834.

Tribe HEXAGONIINI Horn, 1881 (1834)

TRIGONODACTYLIENS Brullé, 1834: 127 [stem: *Trigonodactyl-*]. Type genus: *Trigonodactyla* Dejean, 1831 [syn. of *Hexagonia* Kirby, 1825]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desmarest (1851: 56, as TRIGONODACTYLIDAE); use of the younger name HEXAGONIINI G. H. Horn, 1881 conserved over this name (Art. 40.2).

HEXAGONIAE G. H. Horn, 1881: 146 [stem: *Hexagoni-*]. Type genus: *Hexagonia* Kirby, 1825. Comment: use of family-group name conserved over TRIGONODACTYLINI Brullé, 1834 (Art. 40.2).

Tribe IDIOMORPHINI Bates, 1891

IDIOMORPHINAE H. W. Bates, 1891b: cccxxxiii [stem: *Idiomorph-*]. Type genus: *Idiomorphus* Chaudoir, 1846.

PEROCHNORISTHINAE Basilewsky, 1973b: 224 [stem: *Perochnoristh-*]. Type genus: *Perochnoristhus* Basilewsky, 1973.

Tribe LACHNOPHORINI LeConte, 1853

LACHNOPHORI J. L. LeConte, 1853b: 375 [stem: *Lachnophor-*]. Type genus: *Lachnophorus* Dejean, 1831.

Subtribe LACHNOPHORINA LeConte, 1853

LACHNOPHORI J. L. LeConte, 1853b: 375 [stem: *Lachnophor-*]. Type genus: *Lachnophorus* Dejean, 1831.

ANCHONODÉRIDES Lacordaire, 1854a: 373 [stem: *Anchonoder-*]. Type genus: *Anchonoderus* Reiche, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in H. W. Bates (1871: 30, as ANCHONODERINAE).

EUCAERI J. L. LeConte, 1861: 22 [stem: *Eucaer-*]. Type genus: *Eucaerus* J. L. LeConte, 1853.

EGINI G. H. Horn, 1881: 152 [stem: *Eg-*]. Type genus: *Ega* Laporte, 1834.

Subtribe SELININA Jeannel, 1948

SELININI Jeannel, 1948b: 743, in key [stem: *Selin-*]. Type genus: *Selina* Motschulsky, 1858. Comment: the junior homonym SELININA Koch, 1956 (type genus *Selinus* Mulsant and Rey, 1853) is available in TENEBRIONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe LEBIINI Bonelli, 1810

LEBIOTAE Bonelli, 1810: Tabula Synoptica [stem: *Lebi-*]. Type genus: *Lebia* Latreille, 1802. Comment: First Reviser (LEBIINI Bonelli, 1810 vs DROMIUSINI Bonelli, 1810) not determined, current usage maintained.

Subtribe ACTENONYCINA Bates, 1871

ACTENONYCINAE H. W. Bates, 1871: 30 [stem: *Actenonyc-*]. Type genus: *Actenonyx* A. White, 1846. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Actenonych-*).

Subtribe AGRINA Kirby, 1837

AGRIDAE Kirby, 1837: 13 [stem: *Agr-*]. Type genus: *Agraz* Fabricius, 1801.

Subtribe APENINA Ball, 1983

APENINA Ball, 1983: 516 [stem: *Apen-*]. Type genus: *Apenes* J. L. LeConte, 1851.

*TRYMOSTERNINI Zaballos and Jeanne, 1994: 116 [stem: *Trymostern-*]. Type genus: *Trymosternus* Chaudoir, 1873. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*PLATYTARINI Zaballos and Jeanne, 1994: 116 [stem: *Platytar-*]. Type genus: *Platytarus* Fairmaire, 1850. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe CALLEIDINA Chaudoir, 1873

CALLIDIDES Chaudoir, 1873b: 97 [stem: *Calleid-*]. Type genus: *Calleida* Dejean, 1824 [as *Callida*, unjustified emendation of type genus name by Agassiz (1846b: 58), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1873: 311, as CALLEIDINAE), generally accepted as in Csiki (1932b: 1436, as CALLIDI [incorrect stem formation]); incorrect stem formation, not in prevailing usage.

PLOCHIONIDAE Gozis, 1875: 3 [stem: *Plochion*-]. Type genus: *Plochionus* Dejean, 1821.

ANOMOTARINA Habu, 1967: 117 [stem: *Anomotar*-]. Type genus: *Anomotarus* Chaudoir, 1875.

Subtribe CELAENEPHINA Habu, 1982

CELAENEPHINA Habu, 1982: 111 [stem: *Celaeneph*-]. Type genus: *Celaenephes* Schmidt-Göbel, 1846.

Subtribe CYMINDIDINA Laporte, 1834

CYMINDIDAE Laporte, 1834b: 46 [stem: *Cymindid*-]. Type genus: *Cymindis* Latreille, 1806. Comment: incorrect original stem formation, not in prevailing usage.

TARIDAE Gistel, 1848: [2] [stem: *Tar*-]. Type genus: *Tarus* Clairville, 1806 [syn. of *Cymindis* Latreille, 1806].

PSEUDOMASOREINI Jeannel, 1942: 1039, in key [stem: *Pseudomasore*-]. Type genus: *Pseudomasoreus* Desbrochers des Loges, 1904.

Subtribe DEMETRIADINA Bates, 1886

DEMETRIINAE H. W. Bates, 1886: 207 [stem: *Demetriad*-]. Type genus: *Demetrias* Bonelli, 1810. Comment: incorrect original stem formation, not in prevailing usage.

PELIOCYPINI Basilewsky, 1984: 553 [stem: *Peliocypad*-]. Type genus: *Peliocypas* Schmidt-Göbel, 1846. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe DROMIUSINA Bonelli, 1810

DROMIEI Bonelli, 1810: Tabula Synoptica [stem: *Dromius*-]. Type genus: *Dromius* Bonelli, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 2006b)]. Comment: DROMIIDAE Bonelli, 1810 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology, correct stem ruled to be *Dromius*- and DROMIUSIDAE Bonelli, 1810 placed on the Official List of Family-Group Names in Zoology (ICZN 2006b).

LICHNASTHENITAE J. Thomson, 1858: 35 [stem: *Lichnasthen*-]. Type genus: *Lichnasthenus* J. Thomson, 1858. Comment: J. Thomson (1858: 35) used the spelling LICHNASTENITAE but corrected the name to LICHNASTHENITAE in the same publication in the index (page 458) and in the errata (page [472, unnumbered]), the corrected spelling is considered a justified emendation (see Madge 1989: 464).

LIONYCHIDAE Jeannel, 1948b: 378, in key [stem: *Lionych*-]. Type genus: *Lionychus* Wissmann, 1846.

SINGILINI Jeannel, 1949c: 915 [stem: *Singil-*]. Type genus: *Singilis* Rambur, 1837.

*SYNTOMINI Jeanne, 1972: 101 [stem: *Syntom-*]. Type genus: *Syntomus* Hope, 1838. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

METADROMIINA Basilewsky, 1984: 545 [stem: *Metadromi-*]. Type genus: *Metadromius* Bedel, 1907.

METAXYMORPHINA Basilewsky, 1984: 551 [stem: *Metaxymorph-*]. Type genus: *Metaxymorphus* Chaudoir, 1850.

SINGILIOMIMINA Basilewsky, 1984: 552 [stem: *Singiliomim-*]. Type genus: *Singiliomimus* Péringuey, 1896.

Subtribe GALLERUCIDIINA Chaudoir, 1872

GALLERUCIDAE Chaudoir, 1872b: 416 [stem: *Gallerucidi-*]. Type genus: *Gallerucidia* Chaudoir, 1872.

LEBIDIINA Jakobson, 1907: 394 [stem: *Lebidi-*]. Type genus: *Lebidia* Morawitz, 1862.

Subtribe LEBIINA Bonelli, 1810

LEBIOTAE Bonelli, 1810: Tabula Synoptica [stem: *Lebi-*]. Type genus: *Lebia* Latreille, 1802.

ENCRATIDAE Gistel, 1856a: 355 [stem: *Encrat-*]. Type genus: *Encrates* Gistel, 1848 [syn. of *Lebia* Latreille, 1802].

LAMPRIADAE Chaudoir, 1871b: 115 [stem: *Lampri-*]. Type genus: *Lamprias* Bonelli, 1810. Comment: incorrect original stem formation, not in prevailing usage.

PHYSODÉRIDES Chaudoir, 1877: 213 [stem: *Physoder-*]. Type genus: *Physodera* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1883: 207, as *PHYSODERINAE*), generally accepted as in Lorenz (2005: 489, as *PHYSODERINA*).

Subtribe METALLICINA Basilewsky, 1984

METALLICINI Basilewsky, 1984: 542 [stem: *Metallic-*]. Type genus: *Metallica* Chaudoir, 1872.

Subtribe NEMOTARSINA Bates, 1883

NEMOTARSINAE H. W. Bates, 1883: 173 [stem: *Nemotars-*]. Type genus: *Nemotarsus* J. L. LeConte, 1853.

Subtribe PERICALINA Hope, 1838

PERICALIDAE Hope, 1838a: 105 [stem: *Perical-*]. Type genus: *Pericalus* W. S. MacLeay, 1825. Comment: incorrect original stem formation, not in prevailing usage.

- *MORMOLYCITES Blanchard, 1845a: 366 [stem: *Mormolyc-*]. Type genus: *Mormolyce* Hagenbach, 1825. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Blanchard (1845a).
- COSTODÉRIDES Chaudoir, 1848: 116 [stem: *Coptoder-*]. Type genus: *Coptodera* Dejean, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1871: 30, as COPTODERINAE), generally accepted as in Handlirsch (1925: 547, as COPTODERINI); incorrect stem formation, not in prevailing usage.
- MORMOLYCIDAE Desmarest, 1851: 62 [stem: *Mormolyc-*]. Type genus: *Mormolyce* Hagenbach, 1825.
- THYRÉOPTÉRIDES Chaudoir, 1869: 113 [stem: *Thyreopter-*]. Type genus: *Thyreopterus* Dejean, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bertkau (1878: 417, as THYREOPTERINI), generally accepted as in Jeannel (1950b: 165, as THYREOPTERIDAE).
- EUCHEILINAE H. W. Bates, 1883: 168 [stem: *Eucehil-*]. Type genus: *Euceila* Dejean, 1829 [*Euceila* is an incorrect subsequent spelling of the original spelling *Eucheyla*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].
- MISCELINI Sloane, 1907b: 473 [stem: *Miscel-*]. Type genus: *Miscelus* Klug, 1834.
- PERIGLOSSIINAE Liebke, 1929: 247 [stem: *Periglossi-*]. Type genus: *Periglossium* Liebke, 1929 [syn. of *Inna* Putzeys, 1861].
- CATASCOPI Csiki, 1932b: 1352 [stem: *Catascop-*]. Type genus: *Catascopus* Kirby, 1823. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1944: 57) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).
- MISCELINI Jeannel, 1949c: 1006 [stem: *Miscel-*]. Type genus: *Miscelus* Klug, 1834. Comment: family-group name proposed as new without reference to MISCELINI Sloane, 1907.
- LOBODONTINI Jeannel, 1949c: 1007, in key [stem: *Lobodont-*]. Type genus: *Lobodontus* Chaudoir, 1842.
- THYSANOTINI Jeannel, 1949c: 947, in key [stem: *Thysanot-*]. Type genus: *Thysanotus* Chaudoir, 1848.
- SOMOTRICHINI Mateu, 1963: 125, in key [stem: *Somotrich-*]. Type genus: *Somotrichus* Seidlitz, 1887.

Subtribe PSEUDOTRECHINA Basilewsky, 1984

- PSEUDOTRECHINI Basilewsky, 1984: 555 [stem: *Pseudotrech-*]. Type genus: *Pseudotrechus* Rosenhauer, 1856.

Subtribe SUGIMOTOINA Habu, 1975

SUGIMOTOINA Habu, 1975: 77 [stem: *Sugimoto-*]. Type genus: *Sugimotoa* Habu, 1975.

Subtribe TRICHINA Basilewsky, 1984

TRICHINI Basilewsky, 1984: 549 [stem: *Trich-*]. Type genus: *Trichis* Klug, 1832.

Tribe LICININI Bonelli, 1810

LICINII Bonelli, 1810: Tabula Synoptica [stem: *Licin-*]. Type genus: *Licinus* Latreille, 1802.

Subtribe DICAELINA Laporte, 1834

DICOELIDAE Laporte, 1834b: 83 [stem: *Dicael-*]. Type genus: *Dicaelus* Bonelli, 1813 [as *Dicoelus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

REMBIDAE Gistel, 1848: [2] [stem: *Remb-*]. Type genus: *Rembus* W. S. MacLeay, 1825 [preoccupied genus name, not *Rembus* Germar, 1824 [Coleoptera: CURCULIONIDAE]; syn. of *Diplocheila* Brullé, 1834]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

*SUBMERINI Lafer, 1989: 205 [stem: *Submer-*]. Type genus: *Submera* Habu, 1956. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe DICROCHILINA Ball, 1992

DICROCHILINA Ball, 1992: 347 [stem: *Dicrochil-*]. Type genus: *Dicrochile* Guérin-Ménéville, 1846.

Subtribe LESTIGNATHINA Ball, 1992

LESTIGNATHINA Ball, 1992: 347 [stem: *Lestignath-*]. Type genus: *Lestignathus* Erichson, 1842.

Subtribe LICININA Bonelli, 1810

LICINII Bonelli, 1810: Tabula Synoptica [stem: *Licin-*]. Type genus: *Licinus* Latreille, 1802.

BADISTIDAE Gistel, 1856a: 357 [stem: *Badister-*]. Type genus: *Badister* Clairville, 1806 [as *Badistes*, unjustified emendation of type genus name by Agassiz (1846b: 42), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BADISTRITAE Jeannel, 1942: 999 [stem: *Badister-*]. Type genus: *Badister* Clairville, 1806 [as *Badistes*, unjustified emendation of type genus name by Agassiz (1846b: 42), not in prevailing usage]. Comment: family-group

name proposed as new without reference to BADISTIDAE Gistel, 1856; incorrect original stem formation, not in prevailing usage.

Tribe MELANCHITONINI Jeannel, 1948

MELANODINI Alluaud, 1916: 228 [stem: *Melanod-*]. Type genus: *Melanodes* Chaudoir, 1876 [preoccupied type genus, not *Melanodes* Guenée, 1857 [Lepidoptera]; syn. of *Melanchiton* Basilewsky, 1946]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MELANCHITONITAE Jeannel, 1948b: 627 [stem: *Melanchiton-*]. Type genus: *Melanchiton* Basilewsky, 1946. Comment: replacement name for MELANODINI Alluaud, 1916.

Tribe MICROCHEILINI Jeannel, 1948

MICROCHILITAE Jeannel, 1948b: 616 [stem: *Microcheil-*]. Type genus: *Microcheila* Brullé, 1834 [as *Microchila*, unjustified emendation of type genus name by Agassiz (1846b: 233), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MORIONINI Brullé, 1835

MORIONIENS Brullé, 1835: 36 [stem: *Morion-*]. Type genus: *Morion* Latreille, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1838a: 109, as MORIONIDAE [based on "*Morio* Latreille", an incorrect subsequent spelling of the type genus name, see Madge (1989: 465)], generally accepted as in Lorenz (2005: 247, as MORIONINI).

Tribe ODACANTHINI Laporte, 1834

ODACANTHIDAE Laporte, 1834b: 40 [stem: *Odacanth-*]. Type genus: *Odacantha* Paykull, 1798.

CASNONIAE J. L. LeConte, 1861: 21 [stem: *Cosnani-*]. Type genus: *Cosnania* Dejean, 1821 [as *Casonia*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

COLLIURINI Bedel, 1910: 72 [stem: *Colliur-*]. Type genus: *Colliuris* DeGeer, 1774. LASIOCERINI Jeannel, 1948b: 747, in key [stem: *Lasiocer-*]. Type genus: *Lasiocera* Dejean, 1831.

Tribe OMPHREINI Ganglbauer, 1891

OMPHREINI Ganglbauer, 1891b: 26 [stem: *Omphre-*]. Type genus: *Omphreus* Dejean, 1828.

Tribe OODINI LaFerté-Sénectère, 1851

OODITES LaFerté-Sénectère, 1851: 266 [stem: *Ood-*]. Type genus: *Oodes* Bonelli, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in

latinized form by Bedel (1879: 52, as OODINI), generally accepted as in Lorenz (2005: 324, as OODINI).

THRYPTOCERINI Jeannel, 1949c: 841 [stem: *Thryptocer-*]. Type genus: *Thryptocerus* Chaudoir, 1878.

SPHAERODINI Jeannel, 1949c: 829, in key [stem: *Sphoerod-*]. Type genus: *Sphoerodes* Chaudoir, 1883 [as *Sphaerodes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

SIMOINI Basilewsky, 1953a: 153 [stem: *Simo-*]. Type genus: *Simous* Chaudoir, 1882.

Tribe ORTHOGONIINI Schaum, 1857

ORTHOGONIDEN Schaum, 1857b: 308 [stem: *Orthogoni-*]. Type genus: *Orthogonius* W. S. MacLeay, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1860: 774, as ORTHOGONINI [incorrect stem formation]), generally accepted as in Lorenz (2005: 391, as ORTHOGONIINAE); incorrect original stem formation, not in prevailing usage.

Tribe PANAGAEINI Bonelli, 1810

PANAGAEIDES Bonelli, 1810: Tabula Synoptica [stem: *Panagae-*]. Type genus: *Panagaeus* Latreille, 1802.

Subtribe BRACHYGNATHINA Basilewsky, 1946

BRACHYGNATHINI Basilewsky, 1946: 7 [stem: *Brachygnath-*]. Type genus: *Brachygnathus* Perty, 1830.

Subtribe PANAGAEINA Bonelli, 1810

PANAGAEIDES Bonelli, 1810: Tabula Synoptica [stem: *Panagae-*]. Type genus: *Panagaeus* Latreille, 1802.

Subtribe TEFFLINA Basilewsky, 1946

TEFFLINI Basilewsky, 1946: 7 [stem: *Teffl-*]. Type genus: *Tefflus* Leach, 1819.

Tribe PELECIINI Chaudoir, 1880

PÉLÉCIDES Chaudoir, 1880: 317 [stem: *Peleci-*]. Type genus: *Pelecium* Kirby, 1819.

Subtribe AGONICINA Sloane, 1920

AGONICINI Sloane, 1920: 129 [stem: *Agonic-*]. Type genus: *Agonica* Sloane, 1920.

Subtribe PELECIINA Chaudoir, 1880

PÉLÉCIDES Chaudoir, 1880: 317 [stem: *Peleci-*]. Type genus: *Pelecium* Kirby, 1819. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by G. H. Horn (1881: 170, as PELECIINI), generally accepted as in Csiki (1932b: 1285, as PELECIINI); incorrect original stem formation, not in prevailing usage.

DISPHAERICINI Sloane, 1923a: 248 [stem: *Dispheric*-.] Type genus: *Disphericus* G. R. Waterhouse, 1842 [as *Disphaericus*, unjustified emendation of type genus name by Agassiz (1846b: 127), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PENTAGONICINI Bates, 1873

PENTAGONICINAE H. W. Bates, 1873: 320 [stem: *Pentagonic*-.] Type genus: *Pentagonica* Schmidt-Göbel, 1846.

SCOPODINAE H. W. Bates, 1874b: 275 [stem: *Scopod*-.] Type genus: *Scopodes* Erichson, 1842.

Tribe PERIGONINI Horn, 1881 *nomen protectum*

TRECHICHINAE H. W. Bates, 1873: 281 [stem: *Trechic*-.] Type genus: *Trechicus* J. L. LeConte, 1853 [as *Trechichus*, incorrect subsequent spelling of type genus name, not in prevailing usage; subgenus of *Perigona* Laporte, 1835]. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

PERIGONAE G. H. Horn, 1881: 143 [stem: *Perigon*-.] Type genus: *Perigona* Laporte, 1835. Comment: *nomen protectum* (see Appendix 1).

Tribe PHYSOCROTAPHINI Chaudoir, 1863

PHYSOCROTAPHIDES Chaudoir, 1863: 303 [stem: *Physocrotaph*-.] Type genus: *Physocrotaphus* Parry, 1849. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1892: 388, as PHYSOCROTAPHINAE), generally accepted as in B. P. Moore (1998: 369, as PHYSOCROTAPHINI).

HELLUODINI Csiki, 1932b: 1571 [stem: *Helluod*-.] Type genus: *Helluodes* Westwood, 1847. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Darlington (1968: 222) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Tribe PLATYNINI Bonelli, 1810

PLATYNII Bonelli, 1810: Tabula Synoptica [stem: *Platyn*-.] Type genus: *Platynus* Bonelli, 1810. Comment: First Reviser found (PLATYNINA Bonelli, 1810 vs ANCHOMENINA Bonelli, 1810) is Jakobson (1906: 317).

ANCHOMENII Bonelli, 1810: Tabula Synoptica [stem: *Anchomen*-.] Type genus: *Anchomenus* Bonelli, 1810.

SERICODIADAE Kirby, 1837: 14 [stem: *Sericod*-.] Type genus: *Sericoda* Kirby, 1837.

- AGONIDAE Kirby, 1837: 23 [stem: *Agonum*-]. Type genus: *Agonum* Bonelli, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 1996d)]. Comment: senior homonym of AGONIDAE Swainson, 1839 (type genus *Agonus* Bloch and Schneider, 1801) in Pisces; AGONIDAE Kirby, 1837 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1996d), stem emended to *Agonum*- and AGONUMIDAE Kirby, 1837 placed on the Official List of Family-Group Names in Zoology (ICZN 1996d).
- COLPODIDAS Chaudoir, 1872a: 285 [stem: *Colpod*-]. Type genus: *Colpodes* W. S. MacLeay, 1825. Comment: the original spelling COLPODIDAS is the accusative (Latin) form of and COLPODIDAE was recognized as such by Madge (1989: 463); COLPODIDAE Poche, 1913 (type genus *Colpoda* Müller, 1773) has been used as valid in Protista as recently as in 2006; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- AGELAEINA Jakobson, 1907: 334 [stem: *Agelae*-]. Type genus: *Agelaea* Gené, 1839.
- PROSPHODRINI J. M. Valentine, 1987: 74 [stem: *Prospodhr*-]. Type genus: *Prospodrus* Britton, 1959.
- MELEAGROSINI Morvan, 2004: 2 [stem: *Meleagr*-]. Type genus: *Meleagros* Kirsch- enhofer, 1999. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PSEUDOMORPHINI Hope, 1838

- HETEROMORPHIDAE Hope, 1838a: 108 [stem: *Pseudomorph*-]. Type genus: *Pseudomorpha* Kirby, 1823 [as *Heteromorpha*, incorrect original spelling of type genus name, not in prevailing usage]. Comment: this family-group name is based on an incorrect original spelling of the name of its type genus (*Heteromorpha*) and must be corrected (ICZN 1999a: Article 35.4.1); Kirby (1823a) originally used two different names for the type genus, *Pseudomorpha* (in the description on p. 98) and *Heteromorpha* (in the explanation of the figures on p. 109). Both names are considered different original spellings of the same name. Kirby reissued the paper later the same year in another journal, without the plate, and so only *Pseudomorpha* was used; as such, Kirby (1823b) is the "First Reviser" and *Pseudomorpha* is the correct original spelling (ICZN 1999a: Article 24.2.4), therefore HETEROMORPHIDAE Hope, 1838 is corrected to PSEUDOMORPHIDAE Hope, 1838.

Tribe PTEROSTICHINI Bonelli, 1810

- PTEROSTICHII Bonelli, 1810: Tabula Synoptica [stem: *Pterostich*-]. Type genus: *Pterostichus* Bonelli, 1810.

Subtribe ABACOMORPHINA Tschitschérine, 1902

- ABACOMORPHINI Tschitschérine, 1902: 507 [stem: *Abacomorph*-]. Type genus: *Abacomorphus* Chaudoir, 1878. Comment: First Reviser (ABACOMORPHINA Tschitschérine, 1902 vs SPHODROSOMINA Tschitschérine, 1902) not determined, current usage maintained.

SPHODROSOMINI Tschitschérine, 1902: 507 [stem: *Sphodrosom*]. Type genus: *Sphodrosomus* Perroud and Montrouzier, 1864.

Subtribe EUCHROINA Chaudoir, 1874

EUCHROIDES Chaudoir, 1874: 16 [stem: *Euchro*]. Type genus: *Euchroa* Brullé, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Tschitschérine (1899: 84, as EUCHROINI), generally accepted as in Frania and Ball (2007: 12, as EUCHROINA).

Subtribe METHINA Straneo, 1951

ANTARCTIIDES Lacordaire, 1854a: 336 [stem: *Antarcti*]. Type genus: *Antarctia* Dejean, 1828 [preoccupied genus name, not *Antarctia* Hübner, 1820 [Lepidoptera]; syn. of *Metius* Curtis, 1838]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Reed (1874: 58, as ANTARCTIINAE), generally accepted as in Jeannel (1942: 734, as ANTARCTITAE); permanently invalid (Art. 39): based on preoccupied type genus.

METHINI Straneo, 1951: 56 [stem: *Meti*]. Type genus: *Metius* Curtis, 1838.

KUSCHELININI Jeannel, 1967: 437 [stem: *Kuschelin*]. Type genus: *Kuschelinus* Straneo, 1963.

Subtribe MICROCEPHALINA Tschitschérine, 1898

MICROCEPHALIDES Tschitschérine, 1898: 46 [stem: *Microcephal*]. Type genus: *Microcephalus* Dejean, 1828. Comment: the older name MICROCEPHALI Latreille, 1825: 345 is unavailable (Art. 11.7.1.1) because it is not based on an available generic name [descriptive name for a group of STAPHYLINIDAE including *Tachyporus* and other genera with relatively small heads].

TICHONIINI Semenov, 1904a: 201 [stem: *Tichoni*]. Type genus: *Tichonia* Semenov, 1904 [preoccupied genus name, not *Tichonia* Hübner, 1826 [Lepidoptera]; syn. of *Microcephalus* Dejean, 1828]. Comment: replacement name for MICROCEPHALINI Tschitschérine, 1898 because of the homonymy of the type genus; permanently invalid (Art. 39): based on preoccupied type genus.

TICHONILLINA Emden, 1958: 24 [stem: *Tichonill*]. Type genus: *Tichonilla* Strand, 1942 [syn. of *Microcephalus* Dejean, 1828].

Subtribe PTEROSTICHINA Bonelli, 1810

PTEROSTICHII Bonelli, 1810: Tabula Synoptica [stem: *Pterostich*]. Type genus: *Pterostichus* Bonelli, 1810. Comment: First Reviser (PTEROSTICHINA Bonelli, 1810 vs POECILINA Bonelli, 1810 vs MOLOPINA Bonelli, 1810) not determined, current usage maintained.

POECILII Bonelli, 1810: Tabula Synoptica [stem: *Poecil*]. Type genus: *Poecilus* Bonelli, 1810.

- MOLOPIDES Bonelli, 1810: Tabula Synoptica [stem: *Molop-*]. Type genus: *Molops* Bonelli, 1810.
- FÉRONIENS Dejean, 1825: 3 [stem: *Feroni-*]. Type genus: *Feronia* Latreille, 1816 [syn. of *Poecilus* Bonelli, 1810]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Thon (1827: 15, as FERONIAE), generally accepted as in Schaum (1857a: 136, as FERONIDAE).
- TROGONOTOMIDAE Laporte, 1834b: 75 [stem: *Trigonotom-*]. Type genus: *Trigonotoma* Dejean, 1828. Comment: the original spelling was TROGONOTOMIDAE, but this was apparently a typographical error since both the vernacular spelling (TRIGONOTOMITES) and the genus name (*Trigonotoma*) were spelled with the stem "*Trigonotom-*" on the same page.
- CATADROMIENS Brullé, 1834: 277, 328 [stem: *Catadrom-*]. Type genus: *Catadromus* W. S. MacLeay, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desmarest (1851: 143, as CATADROMIDAE).
- THALIADAE Hope, 1838a: 71 [stem: *Thali-*]. Type genus: *Thalia* Hope, 1838 [preoccupied genus name, not *Thalia* Blumenbach, 1827 [Tunicata]; syn. of *Poecilus* Bonelli, 1810]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- STOMIDAE Chaudoir, 1846: 514 [stem: *Stomid-*]. Type genus: *Stomis* Clairville, 1806. Comment: incorrect original stem formation, not in prevailing usage.
- RHATHYMINAE H. W. Bates, 1891b: cccxxxiv [stem: *Rathym-*]. Type genus: *Rathymus* Dejean, 1831 [as *Rhathymus*, unjustified emendation of type genus name by Agassiz (1846b: 321), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.
- TRIGONOGNATHIDES Tschitschérine, 1898: 66 [stem: *Trigonognath-*]. Type genus: *Trigonognatha* Motschulsky, 1858.
- PLATYSMATINI Tschitschérine, 1899: 84 [stem: *Platysmat-*]. Type genus: *Platysma* Bonelli, 1810.
- CYRTODERINI Tschitschérine, 1902: 506 [stem: *Cyrtoder-*]. Type genus: *Cyrtoderus* Hope, 1842.
- DARODILIINI Tschitschérine, 1902: 506 [stem: *Darodili-*]. Type genus: *Darodilia* Laporte, 1867.
- DELINIINI Tschitschérine, 1902: 506 [stem: *Delini-*]. Type genus: *Delinius* Westwood, 1864.
- CYPHOSOMATINI Tschitschérine, 1902: 507 [stem: *Cyphosomat-*]. Type genus: *Cyphosoma* Hope, 1842 [preoccupied genus name, not *Cyphosoma* Mannerheim, 1837 [Coleoptera: BUPRESTIDAE]; syn. of *Cratogaster* Blanchard, 1853]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- MYADINA Jakobson, 1907: 334 [stem: *Myad-*]. Type genus: *Myas* Sturm, 1826.
- CRATOGASTRI Csiki, 1929: 524 [stem: *Cratogastr-*]. Type genus: *Cratogaster* Blanchard, 1843.

ABAXINI Schuler, 1970: 115 [stem: *Abac*–]. Type genus: *Abax* Bonelli, 1810.

Comment: incorrect original stem formation, not in prevailing usage.

ARISTOCHROODINI Sciaky, 1996: 437 [stem: *Aristochrood*–]. Type genus: *Aristochroodes* Marcilhac, 1993.

Tribe SPHODRINI Laporte, 1834

SPHODRIDAE Laporte, 1834b: 78 [stem: *Sphodr*–]. Type genus: *Sphodrus* Clairville, 1806. Comment: published before 9 August 1834; First Reviser found (SPHODRINI Laporte, 1834 vs CALATHINI Laporte, 1834) is Habu (1978: 296).

Subtribe ATRANOPSINA Baehr, 1982

ATRANOPSINA Baehr, 1982: 265 [stem: *Atranops*–]. Type genus: *Atranopsis* Baehr, 1982. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Atranopse*–).

*PLATYDERINA Baehr, 1982: 265 [stem: *Platyder*–]. Type genus: *Platyderes* Stephens, 1827. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe CALATHINA Laporte, 1834

CALATHIDAE Laporte, 1834b: 71 [stem: *Calath*–]. Type genus: *Calathus* Bonelli, 1810.

Subtribe DOLICHINA Brullé, 1834

DOLICHIENS Brullé, 1834: 295 [stem: *Dolich*–]. Type genus: *Dolichus* Bonelli, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1838a: 72, as DOLICHIDAE), generally accepted as in Lorenz (2005: 399, as DOLICHINA); published “31 Dec” 1834, therefore SPHODRINI Laporte, 1834 and CALATHINI Laporte, 1834 have priority over this name for the tribe name.

Subtribe PRISTOSIINA Lindroth, 1956

PRISTOSIAE Lindroth, 1956: 489, in key [stem: *Pristosi*–]. Type genus: *Pristosia* Motschulsky, 1865.

*EUCALATHI Lindroth, 1956: 489, in key [stem: *Eucalath*–]. Type genus: *Eucalathus* H. W. Bates, 1883 [syn. of *Pristosia* Motschulsky, 1865]. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

Subtribe SPHODRINA Laporte, 1834

SPHODRIDAE Laporte, 1834b: 78 [stem: *Sphodr*–]. Type genus: *Sphodrus* Clairville, 1806.

PRISTONYCHIDAE Gistel, 1848: [2] [stem: *Pristonych-*]. Type genus: *Pristonychus* Dejean, 1828.

*LAEMOSTENINA Baehr, 1982: 265 [stem: *Laemosten-*]. Type genus: *Laemostenus* Bonelli, 1810. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe SYNUCHINA Lindroth, 1956

SYNUCHI Lindroth, 1956: 489, in key [stem: *Synuch-*]. Type genus: *Synuchus* Gyllenhal, 1810.

Tribe XENAROSWELLIANINI Erwin, 2007

XENAROSWELLIANINI Erwin, 2007: 563 [stem: *Xenaroswellian-*]. Type genus: *Xenaroswelliana* Erwin, 2007. Comment: the original spelling XENAROSWELLIANINI is considered a *lapsus calami* and the stem is corrected to *Xenaroswellian-* here.

Tribe ZABRINI Bonelli, 1810

ZABRIDES Bonelli, 1810: Tabula Synoptica [stem: *Zabr-*]. Type genus: *Zabrus* Clairville, 1806.

Subtribe AMARINA Zimmermann, 1832

AMAROIDEN C. Zimmermann, 1832: 6 [stem: *Amar-*]. Type genus: *Amara* Bonelli, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Laporte (1834b: 78, as AMARIDAE), generally accepted as in Hieke (2003: 547, as AMARINA).

ISOPLEURIDAE Kirby, 1837: 49 [stem: *Isopleur-*]. Type genus: *Isopleurus* Kirby, 1837 [syn. of *Celia* C. Zimmermann, 1832].

AGRONOMAEIDAE Gistel, 1848: [2] [stem: *Agronom-*]. Type genus: *Agronoma* Gistel, 1848 [*Carabus familiaris* Duftschmid, 1812, one of the species originally included, is here chosen as type species of *Agronoma* Gistel, 1848; **syn. nov.** of *Amara* Bonelli, 1810]. Comment: **syn. nov.**; incorrect original stem formation, not in prevailing usage.

PANGETEIDAE Gistel, 1856a: 358 [stem: *Panget-*]. Type genus: *Pangetes* Gistel, 1856 [syn. of *Amara* Bonelli, 1810]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe ZABRINA Bonelli, 1810

ZABRIDES Bonelli, 1810: Tabula Synoptica [stem: *Zabr-*]. Type genus: *Zabrus* Clairville, 1806.

Tribe ZUPHIINI Bonelli, 1810

ZUPHIETAE Bonelli, 1810: Tabula Synoptica [stem: *Zuphi-*]. Type genus: *Zuphium* Latreille, 1806.

Subtribe DICRODONTINA Machado, 1992

DICRODONTINI Machado, 1992: 569 [stem: *Dicrodont-*]. Type genus: *Dicrodontus* Chaudoir, 1872.

Subtribe LELEUPIDIINA Basilewsky, 1951

LELEUPIDIINI Basilewsky, 1951a: 178 [stem: *Leleupidi-*]. Type genus: *Leleupidia* Basilewsky, 1951.

Subtribe METAZUPHIINA Mateu, 1992

METAZUPHIINA Mateu, 1992: 198, in key [stem: *Metazuphi-*]. Type genus: *Metazuphium* Mateu, 1992.

Subtribe MISCHOCEPHALINA Mateu, 1992

MISCHOCEPHALINA Mateu, 1992: 198, in key [stem: *Mischocephal-*]. Type genus: *Mischocephalus* Chaudoir, 1863. Comment: this name was incorrectly spelled MISCHOCEPHALIINA in the key on page 198 but correctly spelled MISCHOCEPHALINA on p. 203 of the same publication.

Subtribe PATRIZIINA Basilewsky, 1953

PATRIZIINI Basilewsky, 1953b: 266 [stem: *Patrizi-*]. Type genus: *Patrizia* Al-laud, 1931.

Subtribe ZUPHIINA Bonelli, 1810

ZUPHIETAE Bonelli, 1810: Tabula Synoptica [stem: *Zuphi-*]. Type genus: *Zuphium* Latreille, 1806.

*POLYSTICHIDES Chaudoir, 1863: 308 [stem: *Polistich-*]. Type genus: *Polistichus* Bonelli, 1810 [as *Polystichus*, unjustified emendation of type genus name by Agassiz (1846b: 301), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Chaudoir (1863); incorrect original spelling of family-group name, not in prevailing usage.

POLYSTICHINAE H. W. Bates, 1886: 199 [stem: *Polistich-*]. Type genus: *Polistichus* Bonelli, 1810 [as *Polystichus*, unjustified emendation of type genus name by Agassiz (1846b: 301), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Family HALIPLIDAE Aubé, 1836

HALIPLIDES Aubé, 1836: 15 [stem: *Halipl-*]. Type genus: *Haliplus* Latreille, 1802.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1837: 183, as HALIPLINT), generally accepted as in Lawrence and Newton (1995: 807, as HALIPLIDAE).

PELTODYTINAE Böving and Craighead, 1931: 17 [stem: *Peltodyt-*]. Type genus: *Peltodytes* Régimbart, 1879.

BRYCHIIINI Ádám, 1996: 15 [stem: *Brychi-*]. Type genus: *Brychius* C. G. Thomson, 1859.

†**Family TRIAPLIDAE Ponomarenko, 1977**

TRIAPLIDAE Ponomarenko, 1977: 17 [stem: *Triapl-*]. Type genus: *Triaplus* Ponomarenko, 1977.

†**Family COLYMBOTETHIDAE Ponomarenko, 1994**

COLYMBOTETHIDAE Ponomarenko, 1994: 188 [stem: *Colymboteth-*]. Type genus: *Colymbotethis* Ponomarenko, 1994.

†**Family PARAHYGROBIIDAE Ponomarenko, 1977**

PARAHYGROBIIDAE Ponomarenko, 1977: 19 [stem: *Parahygrobi-*]. Type genus: *Parahygrobia* Ponomarenko, 1977.

†**Family COPTOCLAVIDAE Ponomarenko, 1961**

COPTOCLAVIDAE Ponomarenko, 1961: 68 [stem: *Coptoclav-*]. Type genus: *Coptoclava* Ping, 1928.

†**Subfamily NECRONECTINAE Ponomarenko, 1977**

NECRONECTINAE Ponomarenko, 1977: 22 [stem: *Necronect-*]. Type genus: *Necronectes* Ponomarenko, 1977 [syn. of *Timarchopsis* Brauer, Redtenbacher and Ganglbauer, 1889].

†**Subfamily CHARONOSCAPHINAE Ponomarenko, 1977**

CHARONOSCAPHINAE Ponomarenko, 1977: 32 [stem: *Charonoscap-*]. Type genus: *Charonoscapa* Ponomarenko, 1977.

†**Subfamily COPTOCLAVINAE Ponomarenko, 1961**

COPTOCLAVIDAE Ponomarenko, 1961: 68 [stem: *Coptoclav-*]. Type genus: *Coptoclava* Ping, 1928.

†**Subfamily COPTOCLAVISCINAE Soriano, Ponomarenko and Delclos, 2007**

COPTOCLAVISCINAE Soriano et al., 2007: 532 [stem: *Coptoclavisc-*]. Type genus: *Coptoclavisca* Ponomarenko, 1987.

†**Subfamily HISPANOCLAVINAE Soriano, Ponomarenko and Delclos, 2007**

HISPANOCLAVINAE Soriano et al., 2007: 527 [stem: *Hispanoclav-*]. Type genus: *Hispanoclava* Soriano, Ponomarenko and Delclos, 2007.

†**Family LIADYTIDAE Ponomarenko, 1977**

LIADYTIDAE Ponomarenko, 1977: 37 [stem: *Liadyt-*]. Type genus: *Liadytes* Ponomarenko, 1977.

Family MERUIDAE Spangler and Steiner, 2005

MERUIDAE Spangler and Steiner, 2005: 351 [stem: *Meru*–]. Type genus: *Meru* Spangler and Steiner, 2005.

Family NOTERIDAE Thomson, 1860

NOTERIDES C. G. Thomson, 1860: 34 [stem: *Noter*–]. Type genus: *Noterus* Clairville, 1806.

Subfamily NOTERINAE Thomson, 1860

NOTERIDES C. G. Thomson, 1860: 34 [stem: *Noter*–]. Type genus: *Noterus* Clairville, 1806.

Tribe NEOHYDROCOPTINI Zalat, Saleh, Angus and Kaschef, 2000

NEOHYDROCOPTINI Zalat et al., 2000: 11 [stem: *Neohydrocopt*–]. Type genus: *Neohydrocoptus* Satô, 1972.

Tribe NOTERINI Thomson, 1860

NOTERIDES C. G. Thomson, 1860: 34 [stem: *Noter*–]. Type genus: *Noterus* Clairville, 1806.

HYDROCANTHINI Sharp, 1880: cxlviii [stem: *Hydrocanth*–]. Type genus: *Hydrocanthus* Say, 1823.

SUPHISINI Sharp, 1880: cxlviii [stem: *Suphid*–]. Type genus: *Suphis* Aubé, 1836.
Comment: incorrect original stem formation, not in prevailing usage.

Tribe PRONOTERINI Nilsson, 2005

PRONOTERINI Nilsson, 2005: 90 [stem: *Pronoter*–]. Type genus: *Pronoterus* Sharp, 1882.

Tribe TONERINI Miller, 2009

TONERINI K. B. Miller, 2009: 201 [stem: *Toner*–]. Type genus: *Tonerus* K. B. Miller, 2009.

Subfamily NOTOMICRINAE Zimmermann, 1919

NOTOMICRINI A. Zimmermann, 1919: 110 [stem: *Notomicr*–]. Type genus: *Notomicrus* Sharp, 1882.

Subfamily PHREATODYTINAE Uéno, 1957

PHREATODYTIDAE Uéno, 1957: 251 [stem: *Phreatodyt*–]. Type genus: *Phreatodytes* Uéno, 1957.

Family AMPHIZOIDAE LeConte, 1853

AMPHIZOIDAE J. L. LeConte, 1853a: 227 [stem: *Amphizo*–]. Type genus: *Amphizoa* J. L. LeConte, 1853.

Family ASPIDYTIDAE Ribera, Beutel, Balke and Vogler, 2002

ASPIDYTIDAE Ribera et al., 2002: 2354 [stem: *Aspidyt-*]. Type genus: *Aspidytes* Ribera, Beutel, Balke and Vogler, 2002.

Family HYGROBIIDAE Régimbart, 1879 (1837)

PELOBIINAE Erichson, 1837: 182 [stem: *Paelobi-*]. Type genus: *Paelobius* Schönherr, 1808 [as *Pelobius*, unjustified emendation of type genus name by Erichson (1832: 45); syn. of *Hygrobia* Latreille, 1804]. Comment: use of younger family-group name HYGROBIIDAE Régimbart, 1879 conserved (Art. 40.2) (see Lawrence and Newton 1995: 808); incorrect original stem formation, not in prevailing usage.

HYGROBIINAE Régimbart, 1879: 449 [stem: *Hygrobi-*]. Type genus: *Hygrobia* Latreille, 1804 [the original spelling of the type genus, *Hygriobia*, has been corrected to *Hygrobia* and *Hygrobia* Latreille, 1804 placed on the Official List of Generic Names in Zoology (ICZN 1954)]. Comment: use of this name conserved over the older name Paelobiidae Erichson, 1837 (Art. 40.2) (see Lawrence and Newton 1995: 808).

Family DYTISCIDAE Leach, 1815

DYTICIDES Leach, 1815: 84 [stem: *Dytisc-*]. Type genus: *Dytiscus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1961e, as DYTISCIDAE Leach, 1817).

Subfamily AGABINAE Thomson, 1867

AGABIDES C. G. Thomson, 1867: 84 [stem: *Agab-*]. Type genus: *Agabus* Leach, 1817.

AGABININI Crotch, 1873d: 385 [stem: *Agabin-*]. Type genus: *Agabinus* Crotch, 1873 [syn. of *Platambus* C. G. Thomson, 1859].

ILYBII Acloque, 1896: 81 [stem: *Ilybi-*]. Type genus: *Ilybius* Erichson, 1832.

HYDRONEBRIINI Guignot, 1948: 168, in key [stem: *Hydronebri-*]. Type genus: *Hydronebrius* Jakovlev, 1897. Comment: printed in the issue of November 1948; this family-group name was also used in the same year by C. Brinck (1948 [December]: 112, as HYDRONEBRIINI).

HYDROTRUPINAE Roughley, 2000: 52 [stem: *Hydrotrup-*]. Type genus: *Hydrotrupes* Sharp, 1882.

Subfamily COLYMBETINAE Erichson, 1837

COLYMBETINI Erichson, 1837: 149 [stem: *Colymbet-*]. Type genus: *Colymbetes* Clairville, 1806.

Tribe ANISOMERIINI Brinck, 1948

ANISOMERIINI C. Brinck, 1948: 112 [stem: *Anisomeri-*]. Type genus: *Anisomeria* C. Brinck, 1943.

Tribe CARABDYTINI Pederzani, 1995

CARABDYTINI Pederzani, 1995: 45, in key [stem: *Carabdyt*-.]. Type genus: *Carabdytes* Balke, Hendrich and Wewalka, 1992.

Tribe COLYMBETINI Erichson, 1837

COLYMBETINI Erichson, 1837: 149 [stem: *Colymbet*-.]. Type genus: *Colymbetes* Clairville, 1806.

CYMATOPTERINI Portevin, 1929: 198, in key [stem: *Cymatopter*-.]. Type genus: *Cymatopterus* Dejean, 1833 [syn. of *Colymbetes* Clairville, 1806].

Subfamily COPELATINAE Branden, 1885

COPELATINI Branden, 1885: 82 [stem: *Copelat*-.]. Type genus: *Copelatus* Erichson, 1832.

Comment: First Reviser (COPELATINI Branden, 1885 vs AGLYMBINI Branden, 1885 vs LACCONNECTINI Branden, 1885) not determined, current usage maintained.

AGLYMBINI Branden, 1885: 87 [stem: *Aglymb*-.]. Type genus: *Aglymbus* Sharp, 1882.

LACCONNECTINI Branden, 1885: 87 [stem: *Lacconnect*-.]. Type genus: *Lacconnectus* Motschulsky, 1855.

Subfamily COPTOTOMINAE Branden, 1885

COPTOTOMINI Branden, 1885: 88 [stem: *Coptotom*-.]. Type genus: *Coptotomus* Say, 1830.

COPTOTOMINI C. Brinck, 1948: 112, 116 [stem: *Coptotom*-.]. Type genus: *Coptotomus* Say, 1830. Comment: family-group name proposed as new without reference to COPTOTOMINI Branden, 1885.

Subfamily DYTISCINAE Leach, 1815

DYTICIDES Leach, 1815: 84 [stem: *Dytisc*-.]. Type genus: *Dytiscus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)].

Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1961e, as DYTISCIDAE Leach, 1817).

Tribe ACILIINI Thomson, 1867

ACILIIDES C. G. Thomson, 1867: 84 [stem: *Acili*-.]. Type genus: *Acilius* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)].

THERMONECTINI Sharp, 1880: cl [stem: *Thermonect*-.]. Type genus: *Thermonectus* Dejean, 1833.

GRAPHODERINI Houlbert, 1934: 126 [stem: *Graphoder*-.]. Type genus: *Graphoderus* Dejean, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1961d)].

Tribe AUBEHYDRINI Guignot, 1942

AUBEHYDRINAE Guignot, 1942: 11 [stem: *Aubehydr*-.]. Type genus: *Aubehydrus* Guignot, 1942 [syn. of *Notaticus* A. Zimmermann, 1928].

Tribe CYBISTERINI Sharp, 1880

CYBISTRINI Sharp, 1880: cl [stem: *Cybister*-.] Type genus: *Cybister* Curtis, 1827.

Comment: incorrect original stem formation, not in prevailing usage.

Tribe DYTISCINI Leach, 1815

DYTICIDES Leach, 1815: 84 [stem: *Dytisc*-.] Type genus: *Dytiscus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1961e)].

Comment: incorrect original stem formation, not in prevailing usage; name placed on the Official List of Family-Group Names in Zoology (ICZN 1961e, as DYTISCIDAE Leach, 1817).

Tribe ERETINI Crotch, 1873

ERETINI Crotch, 1873d: 385 [stem: *Eret*-.] Type genus: *Eretes* Laporte, 1833.

EUNECTINI Portevin, 1929: 208 [stem: *Eunect*-.] Type genus: *Eunectes* Erichson, 1832 [preoccupied genus name, not *Eunectes* Wagler, 1830 [Reptilia]; syn. of *Eretes* Laporte, 1833]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe HYDATICINI Sharp, 1880

HYDATICINI Sharp, 1880: cl [stem: *Hydatic*-.] Type genus: *Hydaticus* Leach, 1817.

Tribe HYDERODINI Miller, 2000

HYDERODINI K. B. Miller, 2000: 175 [stem: *Hyderod*-.] Type genus: *Hyderodes* Hope, 1838.

Subfamily HYDRODYTINAE Miller, 2001

HYDRODYTINAE K. B. Miller, 2001: 76 [stem: *Hydrodyt*-.] Type genus: *Hydrodytes* K. B. Miller, 2001.

Subfamily HYDROPORINAE Aubé, 1836

HYDROPORIDES Aubé, 1836: 15 [stem: *Hydropor*-.] Type genus: *Hydroporus* Clairville, 1806.

Tribe BIDESSINI Sharp, 1880

BIDESSINI Sharp, 1880: cxlviii [stem: *Bidess*-.] Type genus: *Bidessus* Sharp, 1882.

Tribe CARABHYDRINI Watts, 1978

CARABHYDRINI Watts, 1978: 26 [stem: *Carabhydr*-.] Type genus: *Carabhydrus* Watts, 1978.

Tribe HYDROPORINI Aubé, 1836

HYDROPORIDES Aubé, 1836: 15 [stem: *Hydropor*-.] Type genus: *Hydroporus* Clairville, 1806. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Erichson (1837: 166, as HYDROPORINI), generally accepted as in Nilsson (2003: 54, as HYDROPORINAE).

HYDROCOPTINI Branden, 1885: 13 [stem: *Hydrocopt-*]. Type genus: *Hydrocoptus* Motschulsky, 1853 [syn. of *Hydroporus* Clairville, 1806].

STERNOPRISCINI Branden, 1885: 38 [stem: *Sternoprisc-*]. Type genus: *Sternopriscus* Sharp, 1882.

SIETTTIINI Smrz, 1982: 289 [stem: *Siettiti-*]. Type genus: *Siettitia* Abeille de Perin, 1904.

DERONECTINI Galewski, 1994: 98, in key [stem: *Deronect-*]. Type genus: *Deronectes* Sharp, 1882.

Tribe HYDROVATINI Sharp, 1880

HYDROVATINI Sharp, 1880: cxlviii [stem: *Hydrovat-*]. Type genus: *Hydrovatus* Motschulsky, 1853.

Tribe HYGROTINI Portevin, 1929

HYGROTINI Portevin, 1929: 180 [stem: *Hygrot-*]. Type genus: *Hygrotus* Stephens, 1828.

Tribe HYPHYDRINI Gistel, 1848

HYPHYDRIDAE Gistel, 1848: [2] [stem: *Hyphydr-*]. Type genus: *Hyphydrus* Illiger, 1802. Comment: incorrect original stem formation, not in prevailing usage.

ACTOBAENIDAE Gistel, 1856a: 355 [stem: *Actobaen-*]. Type genus: *Actobaena* Gistel, 1856 [syn. of *Hyphydrus* Illiger, 1802].

PACHYDRINI Biström et al., 1997: 66 [stem: *Pachydr-*]. Type genus: *Pachydrus* Sharp, 1882.

Tribe LACCORNINI Wolfe and Roughley, 1990

LACCORNINI Wolfe and Roughley, 1990: 302 [stem: *Laccorn-*]. Type genus: *Laccornis* Gozis, 1914. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Laccornith-*).

Tribe METHLINI Branden, 1885

METHLIDAE Branden, 1885: 65 [stem: *Methl-*]. Type genus: *Methles* Sharp, 1882. Comment: precedence (METHLINI Branden, 1885 vs CELININI Branden, 1885) given to taxon originally proposed at the higher rank (Art. 24.1).

CELININI Branden, 1885: 65 [stem: *Celin-*]. Type genus: *Celina* Aubé, 1837.

†Tribe SCHISTOMERINI Palmer, 1957

SCHISTOMERINI Palmer, 1957: 259 [stem: *Schistomer-*]. Type genus: *Schistomerus* Palmer, 1957.

Tribe VATELLINI Sharp, 1880

VATELLINI Sharp, 1880: cxlviii [stem: *Vatell-*]. Type genus: *Vatellus* Aubé, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1992)].

Subfamily LACCOPHILINAE Gistel, 1848

LACCOPHILIDAE Gistel, 1848: [1] [stem: *Laccophil-*]. Type genus: *Laccophilus* Leach, 1815.

Tribe AGABETINI Branden, 1885

AGABETINI Branden, 1885: 87 [stem: *Agabet-*]. Type genus: *Agabetes* Crotch, 1873.

Tribe LACCOPHILINI Gistel, 1848

LACCOPHILIDAE Gistel, 1848: [1] [stem: *Laccophil-*]. Type genus: *Laccophilus* Leach, 1817.

Subfamily LANCETINAE Branden, 1885

LANCETINI Branden, 1885: 88 [stem: *Lancet-*]. Type genus: *Lancetes* Sharp, 1882.

Subfamily MATINAE Branden, 1885

MATINI Branden, 1885: 88 [stem: *Mat-*]. Type genus: *Matus* Aubé, 1836.

†Subfamily PALAEOGYRININAE Schlechtendal, 1894

PALAEOGYRINIDAE Schlechtendal, 1894: 200 [stem: *Palaeogyrin-*]. Type genus: *Palaeogyrinus* Schlechtendal, 1894.

†Subfamily LIADYTISCINAE Prokin and Ren, 2010

LIADYTISCINAE Prokin and Ren, 2010: 48 [stem: *Liadytisc-*]. Type genus: *Liadytiscus* Prokin and Ren, 2010.

Suborder POLYPHAGA**Series STAPHYLINIFORMIA****Superfamily HYDROPHILOIDEA Latreille, 1802**

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].
Comment: First Reviser (HYDROPHILOIDEA Latreille, 1802 vs SPHAERIDIOIDEA Latreille, 1802) not determined, current usage maintained.

Family HYDROPHILIDAE Latreille, 1802

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].
Comment: First Reviser (HYDROPHILIDAE Latreille, 1802 vs SPHAERIDIIDAE Latreille, 1802) not determined, current usage maintained.

Subfamily HELOPHORINAE Leach, 1815

HELOPHERIDA Leach, 1815: 95 [stem: *Helophor*-]. Type genus: *Helophorus* Fabricius, 1775 [the original spelling *Elophorus* Fabricius, 1775 was considered an incorrect original spelling and placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1993b); *Helophorus* Fabricius, 1775 was placed on the Official List of Generic Names in Zoology (ICZN 1993b)]. Comment: published in April 1815; incorrect original stem formation, not in prevailing usage; this family-group name was also used in the same year by Rafinesque (1815 [between April 1815 and 21 July 1815]: 112, as ELOPHORIA).

Subfamily EPIMETOPINAE Zaitzev, 1908

EPIMETOPINA Zaitzev, 1908: 353 [stem: *Epimetop*-]. Type genus: *Epimetopus* Lacordaire, 1854.

Subfamily GEORISSINAE Laporte, 1840

GÉORISSITES Laporte, 1840b: 44 [stem: *Georiss*-]. Type genus: *Georissus* Latreille, 1809 [placed on the Official List of Generic Names in Zoology (ICZN 1998)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heer (1841a: 471, as GEORISSIDA), generally accepted as in Hansen (2004: 42, as GEORISSIDAE).

Subfamily HYDROCHINAE Thomson, 1859

HYDROCHIDAE C. G. Thomson, 1859: 15 [stem: *Hydroch*-]. Type genus: *Hydrochus* Leach, 1817.

Subfamily SPERCHEINAE Erichson, 1837

SPERCHEINI Erichson, 1837: 193 [stem: *Sperche*-]. Type genus: *Spercheus* Kugelann, 1798.

Subfamily HORELOPHINAE Hansen, 1991

HORELOPHINAE Hansen, 1991: 104 [stem: *Horeloph*-]. Type genus: *Horelophus* Orchymont, 1913.

Subfamily HORELOPHOPSINAE Hansen, 1997

HORELOPHOPSINAE Hansen, 1997: 108 [stem: *Horelophops*-]. Type genus: *Horelophopsis* Hansen, 1997. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Horelophopse*-).

Subfamily HYDROPHILINAE Latreille, 1802

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil*-]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe ANACAEININI Hansen, 1991

ANACAEININI Hansen, 1991: 129 [stem: *Anacaen-*]. Type genus: *Anacaena* C. G. Thomson, 1859.

Tribe BÉROSINI Mulsant, 1844

BÉROSAIRES Mulsant, 1844: 97 [stem: *Beros-*]. Type genus: *Berosus* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1990a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 17, as BÉROSINA), generally accepted as in Hansen (2004: 46, as BÉROSINI).

DERALLINI Bertrand, 1967: 86, in key [stem: *Derall-*]. Type genus: *Derallus* Sharp, 1882.

Tribe CHAETARTHRIINI Bedel, 1881

*CYLLIDIAIRES Mulsant, 1844: 143 [stem: *Cyllidi-*]. Type genus: *Cyllidium* Erichson, 1837 [syn. of *Chaetarthria* Stephens, 1835]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CHAETARTHRIINI Bedel, 1881: 314 [stem: *Chaetarthri-*]. Type genus: *Chaetarthria* Stephens, 1835.

AMPHIOPITAE Kuwert, 1890: 120 [stem: *Amphiop-*]. Type genus: *Amphiops* Erichson, 1843.

Tribe HYDROPHILINI Latreille, 1802

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe ACIDOCERINA Zaitzev, 1908

*PHILHYDRATES Mulsant, 1844: 131 [stem: *Philydr-*]. Type genus: *Philydrus* Solier, 1834 [as *Philhydrus*, incorrect subsequent spelling of type genus name, not in prevailing usage; preoccupied genus name, not *Philydrus* Duftschmid, 1805 [Coleoptera: ELMIDAE]; syn. of *Enochrus* C. G. Thomson, 1859]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1844); incorrect original stem formation, not in prevailing usage.

PHILHYDRIDA J. E. LeConte, 1849: 27 [stem: *Philydr-*]. Type genus: *Philydrus* Solier, 1834 [as *Philhydrus*, incorrect subsequent spelling of type genus name, not in prevailing usage; preoccupied genus name, not *Philydrus* Duftschmid, 1805 [Coleoptera: ELMIDAE]; syn. of *Enochrus* C. G. Thomson, 1859]. Comment: incorrect original stem formation, not in prevailing usage; permanently invalid (Art. 39): based on preoccupied type genus.

HELOPELTINI G. H. Horn, 1873: 118 [stem: *Helopelt-*]. Type genus: *Helopeltis* G. H. Horn, 1873 [preoccupied genus name, not *Helopeltis* Signoret, 1858

[Hemiptera]; syn. of *Helobata* Bergroth, 1888]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ACIDOCERINI Zaitzev, 1908: 353 [stem: *Acidocer-*]. Type genus: *Acidocerus* Klug, 1855.

HELOCHARAE Orchymont, 1919: 147 [stem: *Helochar-*]. Type genus: *Helochares* Mulsant, 1844 [placed on the Official List of Generic Names in Zoology (ICZN 1964)]. Comment: senior homonym of HELOCHARINI Metcalf, 1965 in Homoptera (type genus *Helochara* Fitch, 1851), the homopteran name does not appear to be available (Art. 13.1).

Subtribe GLOBULOSEINA García, 2001

GLOBULINA García, 2001: 153 [stem: *Globulose-*]. Type genus: *Globulosis* García, 2001. Comment: incorrect original stem formation, not in pre-vailing usage.

Subtribe HYDROBIUSINA Mulsant, 1844

HYDROBIAIRES Mulsant, 1844: 116 [stem: *Hydrobius-*]. Type genus: *Hydrobius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1990a)]. Comment: spelling emended to *Hydrobius-* to avoid homonymy with HYDROBIIDAE Troschel, 1857 in Mollusca (type genus *Hydrobia* Hartmann, 1821) (ICZN 2003a); HYDROBIUSINA Mulsant, 1844 placed on the Official List of Family-Group Names in Zoology (ICZN 2003a); HYDROBIINA Mulsant, 1844 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 2003a); the family-group name HYDROBIA was used earlier by Rafinesque (1815: 110) but since the list of genera did not include *Hydrobius*, it was probably not based on that genus name.

Subtribe HYDROPHILINA Latreille, 1802

HYDROPHILII Latreille, 1802: 136 [stem: *Hydrophil-*]. Type genus: *Hydrophilus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

HYDATOPHILIDAE Gistel, 1856a: 353 [stem: *Hydatophil-*]. Type genus: *Hydatophilus* Gistel, 1856 [syn. of *Hydrophilus* Geoffroy, 1762]. Comment: published by 18 February 1856; this family-group name was also used in the same year by Gistel (1856b ["31 December"]: 95, as HYDATOPHILIDA).

Tribe LACCOBIINI Houlbert, 1922

LACCOBIINI Houlbert, 1922a: 154, in key [stem: *Laccobi-*]. Type genus: *Laccobius* Erichson, 1837. Comment: family-group name previously attributed to Bertrand (1954: 439; see Hansen 2004).

OOCYCLINI Hansen, 1991: 136 [stem: *Oocycl-*]. Type genus: *Oocyclus* Sharp, 1882.

Tribe SPERCHOPSINI Hansen, 1991

SPERCHOPSINI Hansen, 1991: 108 [stem: *Sperchops-*]. Type genus: *Sperchopsis* J. L. LeConte, 1861. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Sperchopse-*).

Subfamily SPHAERIDIINAE Latreille, 1802

SPHAERIDIOTA Latreille, 1802: 135 [stem: *Sphaeridi-*]. Type genus: *Sphaeridium* Fabricius, 1775.

Tribe ANDOTYPINI Hansen, 1991

ANDOTYPINI Hansen, 1991: 186 [stem: *Andotyp-*]. Type genus: *Andotypus* Spangler, 1979.

Tribe BORBOROPHORINI Hansen, 1991

BORBOROPHORINI Hansen, 1991: 190 [stem: *Borborophor-*]. Type genus: *Borborophorus* Hansen, 1990.

Tribe COELOSTOMATINI Heyden, 1891 (1890)

*CYCLONOTIDES Motschulsky, 1857: 74 [stem: *Cyclonot-*]. Type genus: *Cyclonotum* Erichson, 1837 [syn. of *Coelostoma* Brullé, 1835]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1857).

CYCLONOTIDES G. H. Horn, 1890: 281 [stem: *Cyclonot-*]. Type genus: *Cyclonotum* Erichson, 1837 [syn. of *Coelostoma* Brullé, 1835]. Comment: use of younger family-group name COELOSTOMATINI L. Heyden, 1891 conserved (Art. 40.2).

COELOSTOMITAE L. Heyden, 1891: 71 [stem: *Coelostomat-*]. Type genus: *Coelostoma* Brullé, 1835. Comment: incorrect original stem formation, not in prevailing usage; use of family-group name conserved over CYCLONOTINI G. H. Horn, 1890 (Art. 40.2) (see Hansen 1991); Hansen (1991: 282) mentions that "CYCLONOTAIRES Rey, 1886" is the oldest name for this tribe but he used Art. 40b of the then Code to conserve usage of COELOSTOMATINI L. Heyden, 1891; we could not find any instance where the requirements of Art. 11.7.2 were met and therefore treat the vernacular name CYCLONOTAIRES as unavailable.

CYLLOMINA Zaitzev, 1908: 400 [stem: *Cylomat-*]. Type genus: *Cyloma* Sharp, 1872 [as *Cylloma*, unjustified emendation of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MEGASTERNINI Mulsant, 1844

MÉGASTERNAIRES Mulsant, 1844: 186 [stem: *Megastern-*]. Type genus: *Megasternum* Mulsant, 1844 [placed on the Official List of Generic Names in Zoology (ICZN 1981b)]. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by G. H. Horn (1890: 307, as MEGASTERNI), generally accepted as in Hansen (2004: 61, as MEGASTERNINI).

CERCYONES G. H. Horn, 1890: 287 [stem: *Cercyon*-.] Type genus: *Cercyon* Leach, 1817.

Tribe OMICRINI Smetana, 1975

OMICRINI Smetana, 1975: 155 [stem: *Omicr*-.] Type genus: *Omicrus* Sharp, 1879.

Tribe PROTOSTERNINI Hansen, 1991

PROTOSTERNINI Hansen, 1991: 212 [stem: *Protostern*-.] Type genus: *Protosternum* Sharp, 1890.

Tribe RYGMODINI Orchymont, 1916

RYGMODINI Orchymont, 1916: 238 [stem: *Rygmod*-.] Type genus: *Rygmodus* A. White, 1846.

RYGMODINI Orchymont, 1919: 105 [stem: *Rygmod*-.] Type genus: *Rygmodus* A. White, 1846. Comment: family-group name proposed as new without reference to RYGMODINI Orchymont, 1916.

Tribe SPHAERIDIINI Latreille, 1802

SPHAERIDIOTA Latreille, 1802: 135 [stem: *Sphaeridi*-.] Type genus: *Sphaeridium* Fabricius, 1775. Comment: Latreille also used the incorrect original spelling SPHÉRIDIOTE on page 138 of the same work.

Tribe TORMISSINI Hansen, 1991

TORMISSINI Hansen, 1991: 181 [stem: *Tormiss*-.] Type genus: *Tormissus* Broun, 1893.

Family SPHAERITIDAE Shuckard, 1839

SPHAERITIDAE Shuckard, 1839a: 149 [stem: *Sphaerit*-.] Type genus: *Sphaerites* Duftschmid, 1805.

Family SYNTELIIDAE Lewis, 1882

SYNTELIIDAE Lewis, 1882: 137 [stem: *Synteli*-.] Type genus: *Syntelia* Westwood, 1864.

Family HISTERIDAE Gyllenhal, 1808

HISTEROIDES Gyllenhal, 1808: 74 [stem: *Hister*-.] Type genus: *Hister* Linnaeus, 1758.

Subfamily NIPONIINAE Fowler, 1912

NIPONIIDAE Fowler, 1912: 93 [stem: *Niponi*-.] Type genus: *Niponius* Lewis, 1885.

Subfamily ABRAEINAE MacLeay, 1819

ABREIDAE W. S. MacLeay, 1819: 25 [stem: *Abrae*-.] Type genus: *Abraeus* Leach, 1817.

Tribe ABRAEINI MacLeay, 1819

ABREIDAE W. S. MacLeay, 1819: 25 [stem: *Abrae*]. Type genus: *Abraeus* Leach, 1817.

Tribe ACRITINI Wenzel, 1944

ACRITINI Wenzel, 1944: 55, in key [stem: *Acrit*]. Type genus: *Acritus* J. L. LeConte, 1853.

Tribe ACRITOMORPHINI Wenzel, 1944

ACRITOMORPHINI Wenzel, 1944: 55, in key [stem: *Acritomorph*]. Type genus: *Acritomorphus* Wenzel, 1944.

Tribe PLEGADERINI Portevin, 1929

PLEGADERINI Portevin, 1929: 601, in key [stem: *Plegader*]. Type genus: *Plegaderus* Erichson, 1834.

Tribe TERETRIINI Bickhardt, 1914

TERETRIINAE Bickhardt, 1914: 306 [stem: *Teretri*]. Type genus: *Teretrius* Erichson, 1834.

Subfamily TRYPETICINAE Bickhardt, 1913

TRYPETICINAE Bickhardt, 1913: 166 [stem: *Trypetic*]. Type genus: *Trypeticus* Marseul, 1864.

Subfamily TRYPANAEINAE Marseul, 1857

TRYPANÉENS Marseul, 1857b: 148 [stem: *Trypanae*]. Type genus: *Trypanaeus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jakobson (1910: 638, as TRYPANAEINA), generally accepted as in Newton and Thayer (1992: 25, as TRYPANAEINAE); incorrect stem formation, not in prevailing usage.

Subfamily SAPRININAE Blanchard, 1845

SAPRINITES Blanchard, 1845a: 276 [stem: *Saprin*]. Type genus: *Saprinus* Erichson, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fairmaire and Laboulbène (1855: 273, as SAPRINII), generally accepted as in Mazur (2004: 90, as SAPRININAE).

MYRMETINI Portevin, 1929: 593 [stem: *Myrmet*]. Type genus: *Myrmetes* Marseul, 1862.

Subfamily DENDROPHILINAE Reitter, 1909

DENDROPHILINI Reitter, 1909: 288 [stem: *Dendrophil*]. Type genus: *Dendrophilus* Leach, 1817. Comment: First Reviser (DENDROPHILINAE Reitter, 1909 vs PAROMALINAE Reitter, 1909) not determined, current usage maintained.

Tribe ANAPLEINI Olexa, 1982

ANAPLEINI Olexa, 1982: 38 [stem: *Anaple*-.] Type genus: *Anapleus* G. H. Horn, 1873.

Tribe BACANIINI Kryzhanovskij, 1976

*BACANIINI Vienna, 1974: 273 [stem: *Bacani*-.] Type genus: *Bacanius* J. L. LeConte, 1853. Comment: unavailable name (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

BACANIINI Kryzhanovskij, 1976: 266 [stem: *Bacani*-.] Type genus: *Bacanius* J. L. LeConte, 1853.

Tribe DENDROPHILINI Reitter, 1909

DENDROPHILINI Reitter, 1909: 288 [stem: *Dendrophil*-.] Type genus: *Dendrophilus* Leach, 1817.

Tribe PAROMALINI Reitter, 1909

PAROMALINI Reitter, 1909: 287 [stem: *Paromal*-.] Type genus: *Paromalus* Erichson, 1834.

Subfamily ONTHOPHILINAE MacLeay, 1819

ONTHOPHILIDAE W. S. MacLeay, 1819: 25 [stem: *Onthophil*-.] Type genus: *Onthophilus* Leach, 1817.

SCOLYTINI Jakobson, 1911a: 652 [stem: *Scolyt*-.] Type genus: *Scolytus* Müller, 1764 [preoccupied genus name, not *Scolytus* Geoffroy, 1762 [Coleoptera: CURCULIONIDAE]; syn. of *Onthophilus* Leach, 1817]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Subfamily TRIBALINAE Bickhardt, 1914

TRIBALINI Bickhardt, 1914: 307 [stem: *Tribal*-.] Type genus: *Tribalus* Erichson, 1834.

Subfamily HISTERINAE Gyllenhal, 1808

HISTEROIDES Gyllenhal, 1808: 74 [stem: *Hister*-.] Type genus: *Hister* Linnaeus, 1758.

Tribe EXOSTERNINI Bickhardt, 1914

EXOSTERNINI Bickhardt, 1914: 308 [stem: *Exostern*-.] Type genus: *Exosternus* Lewis, 1902.

Tribe HISTERINI Gyllenhal, 1808

HISTEROIDES Gyllenhal, 1808: 74 [stem: *Hister*-.] Type genus: *Hister* Linnaeus, 1758. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Histr*-).

Tribe HOLOLEPTINI Hope, 1840

HOLOLEPTIDAE Hope, 1840a: 106 [stem: *Hololept*-.] Type genus: *Hololepta* Paykull, 1811. Comment: W. S. MacLeay (1819: 25) published the name OMOLEPTIDAE, presumably as a *lapsus calami* for HOLOLEPTIDAE, but he did not cite the type genus, nor did he use the family-group name subsequently; in the absence of validating evidence we treat OMOLEPTIDAE as a *nomen dubium*.

Tribe OMALODINI Kryzhanovskij, 1972

*OMALODINI A. N. Reichardt, 1941: 37 [stem: *Omalod*-.] Type genus: *Omalodes* Dejean, 1833. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

OMALODINI Kryzhanovskij, 1972: 19 [stem: *Omalod*-.] Type genus: *Omalodes* Dejean, 1833.

Tribe PLATYSOMATINI Bickhardt, 1914

PLATYSOMINI Bickhardt, 1914: 307 [stem: *Platysomat*-.] Type genus: *Platysoma* Leach, 1817. Comment: incorrect original stem formation, not in prevailing usage; correction of original spelling by Mazur (1973); the corrected spelling should be used in order to avoid homonymy with PLATYSOMIDAE Young, 1866 (type genus *Platysomus* Agassiz, 1833) in Pisces.

ALTHANINI Cooman, 1939: 138 [stem: *Althan*-.] Type genus: *Althanus* Lewis, 1903.

Subfamily HAETERIINAE Marseul, 1857

HÉTÉRIENS Marseul, 1857b: 148 [stem: *Haeteri*-.] Type genus: *Haeterius* Dejean, 1833 [as *Hetaerius*, incorrect subsequent spelling of type genus name, not in prevailing usage].

Tribe HAETERIINI Marseul, 1857

HÉTÉRIENS Marseul, 1857b: 148 [stem: *Haeteri*-.] Type genus: *Haeterius* Dejean, 1833 [as *Hetaerius*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Schmidt (1885: 283, as HETAERIINI [incorrect stem formation]), generally accepted as in Mazur (2004: 75, as HAETERIINAE); incorrect stem formation, not in prevailing usage, correction of original spelling by Bousquet and Laplante (1999: 104).

Tribe NYMPHISTRINI Tishechkin, 2007

NYMPHISTERINI Tishechkin, 2007: 51 [stem: *Nymphistr*-.] Type genus: *Nymphister* Reichensperger, 1933. Comment: incorrect original stem formation, not in prevailing usage.

Tribe SYNODITULINI Tishechkin, 2007

SYNODITULINI Tishechkin, 2007: 50 [stem: *Synoditul-*]. Type genus: *Synoditulus* Reichen sperger, 1924.

Subfamily CHLAMYDOPSINAE Bickhardt, 1914

CHLAMYDOPSINI Bickhardt, 1914: 308 [stem: *Chlamydops-*]. Type genus: *Chlamydopsis* Westwood, 1869. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Chlamydopse-*).

Superfamily STAPHYLINOIDEA Latreille, 1802

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: First Reviser (STAPHYLINOIDEA Latreille, 1802 vs PSELAPHOIDEA Latreille, 1802) not determined, current usage maintained.

Family HYDRAENIDAE Mulsant, 1844

HYDRAENAIRES Mulsant, 1844: 50 [stem: *Hydraen-*]. Type genus: *Hydraena* Kugelann, 1794.

Subfamily ORCHYMONTIINAE Perkins, 1997

ORCHYMONTINAE Perkins, 1997: 189 [stem: *Orchymonti-*]. Type genus: *Orchymontia* Broun, 1919. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily PROSTHETOPINAE Perkins, 1994

PROSTHETOPINAE Perkins, 1994: 7 [stem: *Prosthetop-*]. Type genus: *Prosthetops* C. O. Waterhouse, 1879. Comment: precedence (NUCLEOTOPINAE Perkins, 1994 vs PARASTHETOPINAE Perkins, 1994 vs PROSTHETOPINAE Perkins, 1994 vs PROTOSTHETOPINAE Perkins, 1994 vs PTEROSTHETOPINAE Perkins, 1994) given to taxon originally proposed at the higher rank (Art. 24.1).

Tribe COELOMETOPONINI Perkins, 2005

COELOMETOPONINI Perkins, 2005: 9 [stem: *Coelometopon-*]. Type genus: *Coelometopon* Janssens, 1972. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Coelometop-*).

Tribe NUCLEOTOPINI Perkins, 1994

NUCLEOTOPINI Perkins, 1994: 8, in key [stem: *Nucleotop-*]. Type genus: *Nucleotops* Perkins and Balfour-Browne, 1994.

Tribe PARASTHETOPINI Perkins, 1994

PARASTHETOPINI Perkins, 1994: 8, in key [stem: *Parasthetop-*]. Type genus: *Parasthetops* Perkins and Balfour-Browne, 1994.

Tribe PROSTHETOPINI Perkins, 1994

PROSTHETOPINAE Perkins, 1994: 7 [stem: *Prosthetop*-.] Type genus: *Prosthetops* C. O. Waterhouse, 1879.

Tribe PROTOSTHETOPINI Perkins, 1994

PROTOSTHETOPINI Perkins, 1994: 8, in key [stem: *Protosthetop*-.] Type genus: *Protosthetops* Perkins, 1994.

Tribe PTEROSTHETOPINI Perkins, 1994

PTEROSTHETOPINI Perkins, 1994: 9, in key [stem: *Pterosthetop*-.] Type genus: *Pterosthetops* Perkins, 1994.

Subfamily HYDRAENINAE Mulsant, 1844

HYDRAENAIRES Mulsant, 1844: 50 [stem: *Hydraen*-.] Type genus: *Hydraena* Kugelann, 1794. Comment: First Reviser (HYDRAENINAE Mulsant, 1844 vs LIMNEBIINAE Mulsant, 1844) not determined, current usage maintained.

Tribe HYDRAENIDINI Perkins, 1980

HYDRAENIDINI Perkins, 1980: 414 [stem: *Hydraenid*-.] Type genus: *Hydraenida* Germain, 1901.

Tribe HYDRAENINI Mulsant, 1844

HYDRAENAIRES Mulsant, 1844: 50 [stem: *Hydraen*-.] Type genus: *Hydraena* Kugelann, 1794. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [1], as HYDRAENAEIDAE [incorrect stem formation]), generally accepted as in Jäch (2004: 102, as HYDRAENINI).

Tribe LIMNEBIINI Mulsant, 1844

LIMNÉBIAIRES Mulsant, 1844: 88 [stem: *Limnebi*-.] Type genus: *Limnebius* Leach, 1815. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 14, as LIMNEBIIDAE), generally accepted as in Jäch (2004: 110, as LIMNEBIINI).

Tribe MADAGASTRINI Perkins, 1997

MADAGASTRINI Perkins, 1997: 176 [stem: *Madagastr*-.] Type genus: *Madagaster* Perkins, 1997.

Tribe PARHYDRAENINI Perkins, 1997

PARHYDRAENINI Perkins, 1997: 170 [stem: *Parhydraen*-.] Type genus: *Parhydraena* Orchymont, 1937.

Subfamily OCHTHEBIINAE Thomson, 1859

UCHTEBIIDAE C. G. Thomson, 1859: 15 [stem: *Ochthebi*-.] Type genus: *Ochthebius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1991a)].

Tribe OCHTHEBIINI Thomson, 1859

UCHTEBIIDAE C. G. Thomson, 1859: 15 [stem: *Ochthebi*-.] Type genus: *Ochthebius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1991a)].

Subtribe ENICOCERINA Perkins, 1997

ENICOCERINA Perkins, 1997: 157 [stem: *Enicocer*-.] Type genus: *Enicocerus* Stephens, 1829.

Subtribe MEROPATHINA Perkins, 1997

MEROPATHINA Perkins, 1997: 143 [stem: *Meropath*-.] Type genus: *Meropathus* Enderlein, 1901.

Subtribe NEOCHTHEBIINA Perkins, 1997

NEOCHTHEBINA Perkins, 1997: 152 [stem: *Neochthebi*-.] Type genus: *Neochthebius* Orchymont, 1932. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe OCHTHEBIINA Thomson, 1859

UCHTEBIIDAE C. G. Thomson, 1859: 15 [stem: *Ochthebi*-.] Type genus: *Ochthebius* Leach, 1815 [as *Ochthebius*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Ochthebius* placed on the Official List of Generic Names in Zoology (ICZN 1991a)]. Comment: incorrect original stem formation, not in prevailing usage.

UCHTHEBIINAE Perkins, 1980: 414 [stem: *Ochthebi*-.] Type genus: *Ochthebius* Leach, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1991a)]. Comment: family-group name proposed as new without reference to UCHTEBIIDAE C. G. Thomson, 1859.

Subtribe PROTOCHTHEBIINA Perkins, 1997

PROTOCHTHEBIINA Perkins, 1997: 152 [stem: *Protochthebi*-.] Type genus: *Protochthebius* Perkins, 1997.

Tribe OCHTHEOSINI Perkins, 1997

UCHTHEOSINI Perkins, 1997: 123 [stem: *Ochtheos*-.] Type genus: *Ochtheosus* Perkins, 1997.

Family PTILIIDAE Erichson, 1845

PTILINA Erichson, 1845: 15 [stem: *Ptili*-]. Type genus: *Prilium* Gyllenhal, 1827 [placed on the Official List of Generic Names in Zoology (ICZN 1984b)].

Subfamily PTILIINAE Erichson, 1845

PTILINA Erichson, 1845: 15 [stem: *Ptili*-]. Type genus: *Prilium* Gyllenhal, 1827 [placed on the Official List of Generic Names in Zoology (ICZN 1984b)].

Tribe DISCHERAMOCEPHALINI Grebennikov, 2009

DISCHERAMOCEPHALINI Grebennikov, 2009: 115 [stem: *Discheramocephal*-]. Type genus: *Discheramocephalus* C. Johnson, 2007.

Tribe NANOSELLINI Barber, 1924

NANOSELLINAE Barber, 1924: 170 [stem: *Nanosell*-]. Type genus: *Nanosella* Motschulsky, 1869.

Tribe PTENIDIINI Flach, 1889

PTENIDIINI Flach, 1889: 489 [stem: *Ptenidi*-]. Type genus: *Ptenidium* Erichson, 1845 [placed on the Official List of Generic Names in Zoology and given precedence over the generic name *Anisarthria* Stephens, 1830 whenever the two names are considered synonyms (ICZN 1984b)].

Tribe PTILIINI Erichson, 1845

*PTILINA Heer, 1843: 60 [stem: *Ptili*-]. Type genus: *Prilium* Gyllenhal, 1827 [as a synonym of *Trichopteryx* Kirby, 1826; *Prilium* Gyllenhal, 1827 placed on the Official List of Generic Names in Zoology (ICZN 1984b)]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time; incorrect original stem formation, not in prevailing usage.

PTILINA Erichson, 1845: 15 [stem: *Ptili*-]. Type genus: *Prilium* Gyllenhal, 1827 [placed on the Official List of Generic Names in Zoology (ICZN 1984b)]. Comment: published 28 May 1845; incorrect original stem formation, not in prevailing usage; this family-group name was also used in the same year by Motschulsky (1845 [after 6 August]: 504, as PTILIEN); Motschulsky's name, originally proposed in a vernacular form, was treated as available by Lawrence and Newton (1995: 818).

PTILOPTERIIDAE Gistel, 1848: [4] [stem: *Ptilopteri*-]. Type genus: *Ptilopterium* Gistel, 1848 [syn. of *Prilium* Gyllenhal, 1827].

ACTIDIINI Portevin, 1929: 568, in key [stem: *Actidi*-]. Type genus: *Actidium* A. Matthews, 1868.

Tribe PTINELLINI Reitter, 1906 (1891)

NEUGLENINI Reitter, 1891: 146 [stem: *Neuglen*-]. Type genus: *Neuglenes* C. G. Thomson, 1859 [syn. of *Prinella* Motschulsky, 1844].

PTINELLINI Reitter, 1906: 259 [stem: *Ptinell-*]. Type genus: *Ptinella* Motschulsky, 1844 [placed on the Official List of Generic Names in Zoology (ICZN 1985b)]. Comment: name proposed to replace NEUGLENINI Reitter, 1891 because of the synonymy of the type genus; use of younger family-group name PTINELLINI Reitter, 1906 conserved (Art. 40.2).

*PTERYCINI Dybas, 1966: 16, 44 [stem: *Pteryg-*]. Type genus: *Pteryx* A. Matthews, 1858. Comment: incorrect original stem formation, not in prevailing usage; the earlier usage of “PTERYCINE group” by Dybas (1955: 562) is unavailable because it is not a noun (Art. 11.7.1.1); also this name has been used subsequently by Hall (2003: 85) but the name PTERYCINI has not been made available yet (see Hall 2005: 257).

Subfamily CEPHALOPLECTINAE Sharp, 1883

CEPHALOPLECTINAE Sharp, 1883: 295 [stem: *Cephaloplect-*]. Type genus: *Cephaloplectus* Sharp, 1883.

LIMULODINAE Ganglbauer, 1898: 297 [stem: *Limulod-*]. Type genus: *Limulodes* A. Matthews, 1866.

Subfamily ACROTICHINAE Reitter, 1909 (1856)

TRICHOPTERYGIA Erichson, 1845: 13 [stem: *Trichopteryg-*]. Type genus: *Trichopteryx* Kirby, 1826 [preoccupied genus name, not *Trichopteryx* Hübner, 1825 [Lepidoptera]; syn. of *Acrotichis* Motschulsky, 1848]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CLEOPTERIINAE Gistel, 1856a: 360 [stem: *Cleopteri-*]. Type genus: *Cleopterium* Gistel, 1856 [syn. of *Acrotichis* Motschulsky, 1848]. Comment: use of younger family-group name ACROTICHINAE Reitter, 1909 conserved (Art. 40.2) (see Newton and Thayer 1992: 44).

ACROTICHINI Reitter, 1909: 272 [stem: *Acrotich-*]. Type genus: *Acrotichis* Motschulsky, 1848. Comment: use of family-group name conserved over CLEOPTERIINAE Gistel, 1856 (Art. 40.2) (see Newton and Thayer 1992: 44).

NEPHANINI Portevin, 1929: 573, in key [stem: *Nephan-*]. Type genus: *Nephanes* C. G. Thomson, 1859 [placed on the Official List of Generic Names in Zoology (ICZN 1985b)].

Family AGYRTIDAE Thomson, 1859

AGYRTIDAE C. G. Thomson, 1859: 57 [stem: *Agyrt-*]. Type genus: *Agyrtes* Frölich, 1799.

Subfamily AGYRTINAE Thomson, 1859

*AGYRTES Motschulsky, 1849: 57 [stem: *Agyrt-*]. Type genus: *Agyrtes* Frölich, 1799. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

AGYRTIDAE C. G. Thomson, 1859: 57 [stem: *Agyrt-*]. Type genus: *Agyrtes* Frölich, 1799.

- LYROSOMINI G. H. Horn, 1880b: 247 [stem: *Lyrosomat*-.] Type genus: *Lyrosoma* Mannerheim, 1853. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 33).
- LENDOMINI Bradley, 1930: 159, in key [stem: *Lendom*-.] Type genus: *Lendomus* Casey, 1924 [syn. of *Agyrtes* Frölich, 1799].

Subfamily NECROPHILINAE Newton, 1997

- *NECROPHILINI Jeannel, 1936: 10 [stem: *Necrophil*-.] Type genus: *Necrophilus* Latreille, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- NECROPHILINAE Newton, 1997: 127 [stem: *Necrophil*-.] Type genus: *Necrophilus* Latreille, 1829. Comment: the type genus of the older names NECROPHILIDAE Gistel, 1848: [4] and NECROPHILIDAE Gistel, 1856a: 362 cannot be determined (either *Necrophilus* Latreille, 1829 [AGYRTIDAE] or *Necrophila* Kirby and Spence, 1828 [SILPHIDAE]) and therefore those names are considered unavailable (also see comments in Newton and Thayer (1992: 23) and Newton (1997: 147)).

Subfamily PTEROLOMATINAE Thomson, 1862

- PTEROLOMINA C. G. Thomson, 1862: 20 [stem: *Pterolomat*-.] Type genus: *Pteroloma* Gyllenhal, 1827. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 33).

Family LEIODIDAE Fleming, 1821

- LEIODESIDAE Fleming, 1821: 51 [stem: *Leiod*-.] Type genus: *Leiodes* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily CAMIARINAE Jeannel, 1911

- CAMIARINAE Jeannel, 1911: 192, in key [stem: *Camiar*-.] Type genus: *Camiarus* Sharp, 1878.

Tribe AGYRTODINI Jeannel, 1936

- AGYRTODINI Jeannel, 1936: 99 [stem: *Agyrtod*-.] Type genus: *Agyrtodes* Portevin, 1907.

- *†GUVANOCOLEINA Perkovsky, 2002: 16 [stem: *Gurvanocole*-.] Type genus: *Gurvanocoleus* Ponomarenko, 1986. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

Tribe CAMIARINI Jeannel, 1911

- CAMIARINAE Jeannel, 1911: 192, in key [stem: *Camiar*-.] Type genus: *Camiarus* Sharp, 1878.

- *†MESECANINA Perkovsky, 2002: 15 [stem: *Mesecan*-.] Type genus: *Mesecanus* Newton, 1982. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe NEOPELATOPINI Jeannel, 1962

NEOPELATOPINI Jeannel, 1962b: 487 [stem: *Neopelatop*]. Type genus: *Neopelatops* Jeannel, 1936.

Subfamily CATOPOCERINAE Hatch, 1927 (1880)

CATOPOCERINI Hatch, 1927: 4, in key [stem: *Catopocer*]. Type genus: *Catopocerus* Motschulsky, 1869. Comment: use of family-group name conserved over PINODYTINAE G. H. Horn, 1880 (Art. 40.2) (see Newton and Thayer 1992: 34).

Tribe CATOPOCERINI Hatch, 1927 (1880)

PINODYTINI G. H. Horn, 1880b: 248 [stem: *Pinodyt*]. Type genus: *Pinodytes* G. H. Horn, 1880 [syn. of *Catopocerus* Motschulsky, 1869]. Comment: use of younger family-group name CATOPOCERINI Hatch, 1927 conserved (Art. 40.2) (see Newton and Thayer 1992: 34).

CATOPOCERINI Hatch, 1927: 4, in key [stem: *Catopocer*]. Type genus: *Catopocerus* Motschulsky, 1869. Comment: new name for PINODYTINI G. H. Horn, 1880 because of synonymy of type genus; use of family-group name conserved over PINODYTINI G. H. Horn, 1880 (Art. 40.2) (see Newton and Thayer 1992: 34).

Tribe GLACICAVICOLINI Westcott, 1968

GLACICAVICOLINAE Westcott, 1968: 1 [stem: *Glacicavicol*]. Type genus: *Glacicavicola* Westcott, 1968.

Subfamily LEIODINAE Fleming, 1821

LEIODESIDAE Fleming, 1821: 51 [stem: *Leiod*]. Type genus: *Leiodes* Latreille, 1797.

Tribe AGATHIDIINI Westwood, 1838

*ANISOTOMIDAE Stephens, 1828: 99 [stem: *Anisotom*]. Type genus: *Anisotoma* Panzer, 1797. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time; see Newton and Thayer (1992: 20).

AGATHIDIIDAE Westwood, 1838: 10 [stem: *Agathidi*]. Type genus: *Agathidium* Illiger, 1798.

ANISOTOMIDAE Reitter, 1884: 6 [stem: *Anisotom*]. Type genus: *Anisotoma* Panzer, 1797. Comment: an application will need to be submitted to the Commission to suppress ANISOTOMIDAE Erichson, 1845 (based on the misidentified type genus *Anisotoma* sensu Schmidt, 1841) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

Tribe ESTADIINI Portevin, 1914

ESTADIINI Portevin, 1914: 199 [stem: *Estadi*]. Type genus: *Estadia* Fairmaire, 1903 [syn. of *Dietta* Sharp, 1876].

Tribe LEIODINI Fleming, 1821

LEIODESIDAE Fleming, 1821: 51 [stem: *Leiod-*]. Type genus: *Leiodes* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 34).

ANISOTOMIDAE Erichson, 1845: 41 [stem: *Anisotom-*]. Type genus: *Anisotoma* sensu Schmidt, 1841 [not *Anisotoma* Panzer, 1797; syn. of *Leiodes* Latreille, 1797]. Comment: based on a misidentified type genus; an application will need to be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) if ANISOTOMIDAE Reitter, 1884 in LEIODINAE: AGATHIDIINI is to be used as valid in the future.

*CYRTUSINA Perkovsky, 1997b: 168 [stem: *Cyrtus-*]. Type genus: *Cyrtusa* Erichson, 1842. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*HYPOLIODINA Perkovsky, 2002: 15 [stem: *Hypoliod-*]. Type genus: *Hypoliodes* Portevin, 1908. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe PSEUDOLIODINI Portevin, 1926

PSEUDOLIODINI Portevin, 1926: 75 [stem: *Pseudoliod-*]. Type genus: *Pseudoliodes* Portevin, 1926 [syn. of *Pseudolenis* Reitter, 1884].

DERMATOHOMOEINI Hlisnikovský, 1963: 311 [stem: *Dermatohomoe-*]. Type genus: *Dermatohomoeus* Hlisnikovský, 1963.

Tribe SCOTOCRYPTINI Reitter, 1884

SCOTOCRYPTINI Reitter, 1884: 91 [stem: *Scotocrypt-*]. Type genus: *Scotocryptus* Girard, 1874.

Tribe SOGDINI Lopatin, 1961

SOGDIDAE Lopatin, 1961: 121 [stem: *Sogd-*]. Type genus: *Sogda* Lopatin, 1961. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 36).

TRIARTHRIINI Jeannel, 1962b: 486, in key [stem: *Triarthr-*]. Type genus: *Triarthron* Märkel, 1840. Comment: junior homonym of TRIARTHRIDAE Ulrich, 1930 (type genus *Triarthrus* Green, 1832) in Trilobita; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

HYDNOBIINI Jeannel, 1962b: 492 [stem: *Hydnobi-*]. Type genus: *Hydnobius* Schmidt, 1841.

*STEREINA Perkovsky, 2002: 15 [stem: *Stere-*]. Type genus: *Stereus* Wollaston, 1857 [preoccupied genus name, not *Stereus* Mannerheim, 1846 [Coleoptera: CURCULIONIDAE]; syn. of *Deltocnemis* Sahlberg, 1886]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily COLONINAE Horn, 1880 (1859)

MYLOECHINA C. G. Thomson, 1859: 60 [stem: *Myloech*-. Type genus: *Myloechus* Latreille, 1807 [syn. of *Colon* Herbst, 1797]. Comment: use of younger family-group name COLONINAE G. H. Horn, 1880 conserved (Art. 40.2); see Newton and Thayer (1992: 36).

COLONES G. H. Horn, 1880b: 266 [stem: *Colon*-. Type genus: *Colon* Herbst, 1797 [the original spelling *Kolon* was placed on the Official Index of Rejected and Suppressed Generic Names in Zoology, *Colon* was considered the correct original spelling of the genus and placed on the Official List of Generic Names in Zoology (ICZN 1995b)]. Comment: use of family-group name conserved over MYLOECHINAE C. G. Thomson, 1859 (Art. 40.2); see Newton and Thayer (1992: 36).

Subfamily CHOLEVINAE Kirby, 1837

CHOLEVIDAE Kirby, 1837: 108 [stem: *Cholev*-. Type genus: *Choleva* Latreille, 1797.

Tribe ANEMADINI Hatch, 1928

ANEMADINA Hatch, 1928: 159 [stem: *Anemad*-. Type genus: *Anemadus* Reitter, 1884.

Subtribe ANEMADINA Hatch, 1928

ANEMADINA Hatch, 1928: 159 [stem: *Anemad*-. Type genus: *Anemadus* Reitter, 1884.

ANEMADINAE Jeannel, 1936: 179 [stem: *Anemad*-. Type genus: *Anemadus* Reitter, 1884. Comment: family-group name proposed as new without reference to ANEMADINA Hatch, 1928.

Subtribe EOCAPOPINA Jeannel, 1936

EOCAPOPINA Jeannel, 1936: 124, in key [stem: *Eocatop*-. Type genus: *Eocatops* Peyerimhoff, 1924.

Subtribe EUNEMADINA Newton, 1998

EUNEMADINA Newton, 1998: 103 [stem: *Eunemad*-. Type genus: *Eunemadus* Portevin, 1914.

Subtribe NEMADINA Jeannel, 1936

NEMADINAE Jeannel, 1936: 96 [stem: *Nemad*-. Type genus: *Nemadus* C. G. Thomson, 1867.

Subtribe PARACATOPINA Jeannel, 1936

PARACATOPINI Jeannel, 1936: 181 [stem: *Paracatop*-. Type genus: *Paracatops* Portevin, 1907.

Tribe CHOLEVINI Kirby, 1837

CHOLEVIDAE Kirby, 1837: 108 [stem: *Cholev-*]. Type genus: *Choleva* Latreille, 1797.

Subtribe CATOPINA Chaudoir, 1845

CATOPIDES Chaudoir, 1845: 195 [stem: *Catop-*]. Type genus: *Catops* Paykull, 1798. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Agassiz (1846b: 68, as CATOPIDAE), generally accepted as in Perreau (2004: 136, as CATOPINA).

Subtribe CHOLEVINA Kirby, 1837

CHOLEVIDAE Kirby, 1837: 108 [stem: *Cholev-*]. Type genus: *Choleva* Latreille, 1797.

Tribe EUCATOPINI Jeannel, 1921

EUCATOPINI Jeannel, 1921: 233 [stem: *Eucatop-*]. Type genus: *Eucatops* Portevin, 1903.

Tribe LEPTODIRINI Lacordaire, 1854 (1849)

LEPTODÉRIDES Lacordaire, 1854b: 195 [stem: *Leptodir-*]. Type genus: *Leptodirus* Schmidt, 1832 [as *Leptoderus*, unjustified emendation of type genus name by F. Schmidt (1852), not in prevailing usage]. Comment: use of family-group name conserved over STAGOBIIINI Schiødte, 1849 (Art. 40.2); see Newton and Thayer (1992: 35).

Subtribe ANTROHERPONINA Jeannel, 1910

ANTROHERPONA Jeannel, 1910: 25 [stem: *Antroherpon-*]. Type genus: *Antroherpon* Reitter, 1889 [as *Antroherpon*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

HADESIIINI Absolon, 1913: 108 [stem: *Hadesi-*]. Type genus: *Hadesia* J. Müller, 1911.

ANTROHERPONINA Guéorguiev, 1974: 841, in key [stem: *Antroherpon-*]. Type genus: *Antroherpon* Reitter, 1889 [as *Antroherpon*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: family-group name proposed as new without reference to ANTROHERPONA Jeannel, 1910.

Subtribe BATHYSCIINA Horn, 1880

BATHYSCIAE G. H. Horn, 1880b: 251 [stem: *Bathysci-*]. Type genus: *Bathyscia* Schiødte, 1847.

ORIOTINI Reitter, 1889b: 296 [stem: *Oryot-*]. Type genus: *Oryotus* Miller, 1856 [as *Oriotus*, incorrect subsequent spelling of type genus name, not

in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BATHYSCIINA Guéorguiev, 1974: 841, in key [stem: *Bathysci-*]. Type genus: *Bathyscia* Schiødte, 1847. Comment: family-group name proposed as new without reference to BATHYSCIAE G. H. Horn, 1880.

NEOTROPOSPEONELLINA Perkovsky, 1997a: 59 [stem: *Neotropospeonell-*]. Type genus: *Neotropospeonella* Pace, 1985 [syn. of *Oryotus* Miller, 1856].

*APHAOBIINA Perkovsky, 2002: 16 [stem: *Aphaobi-*]. Type genus: *Aphaobius* Abeille de Perrin, 1878. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe BATHYSCIOTINA Guéorguiev, 1974

BATHYSCIOTINA Guéorguiev, 1974: 841, in key [stem: *Bathysciot-*]. Type genus: *Bathysciotes* Jeannel, 1910.

Subtribe LEPTODIRINA Lacordaire, 1854 (1849)

STAGOBIIINAE Schiødte, 1849: 16 [stem: *Stagobi-*]. Type genus: *Stagobius* Schiødte, 1847 [syn. of *Leptodirus* Schmidt, 1832]. Comment: use of younger family-group name LEPTODIRINA Lacordaire, 1854 conserved (Art. 40.2); see Newton and Thayer (1992: 35).

LEPTODÉRIDES Lacordaire, 1854b: 195 [stem: *Leptodir-*]. Type genus: *Leptodirus* Schmidt, 1832 [as *Leptoderus*, unjustified emendation of type genus name by Schmidt (1852), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kraatz (1859a: 35, as LEPTODERIDAE), generally accepted as in Perreau (2004: 147, as LEPTODIRINI); use of family-group name conserved over STAGOBIIINA Schiødte, 1849 (Art. 40.2); see Newton and Thayer (1992: 35); incorrect original stem formation, not in prevailing usage.

LEPTODIRINA Guéorguiev, 1974: 841, in key [stem: *Leptodir-*]. Type genus: *Leptodirus* Schmidt, 1832. Comment: family-group name proposed as new without reference to LEPTODÉRIDES Lacordaire, 1854.

*LANEYRIELLINA Perkovsky, 2002: 16 [stem: *Laneyriell-*]. Type genus: *Laneyriella* Guéorguiev, 1976. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe PHOLEUINA Reitter, 1886

PHOLEUONES Reitter, 1886: 314 [stem: *Pholeu-*]. Type genus: *Pholeuon* Hampe, 1856. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 35); current spelling maintained (Art. 29.5): corrected stem formation in prevailing usage (should be *Pholeuont-*).

GHIDINIINA Guéorguiev, 1974: 841, in key [stem: *Ghidini-*]. Type genus: *Ghidinia* Pavan, 1938 [syn. of *Boldoria* Jeannel, 1924].

*COIFFAITIOLINA Perkovsky, 2002: 16 [stem: *Coiffaitiol-*]. Type genus: *Coiffaitiola* Jeannel, 1955. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe PLATYCHOLEINA Horn, 1880

PLATYCHOLEI G. H. Horn, 1880b: 251 [stem: *Platychole-*]. Type genus: *Platycholeus* G. H. Horn, 1880.

Subtribe SPELAEOBATINA Guéorguiev, 1974

SPELAEOBATINA Guéorguiev, 1974: 841, in key [stem: *Spelaeobat-*]. Type genus: *Spelaeobates* Müller, 1901.

Tribe ORITOCATOPINI Jeannel, 1936

ORITOCATOPINI Jeannel, 1936: 116 [stem: *Oritocatop-*]. Type genus: *Oritocatops* Jeannel, 1921.

Tribe PTOMAPHAGINI Jeannel, 1911

PTOMAPHAGINI Jeannel, 1911: 193 [stem: *Ptomaphag-*]. Type genus: *Ptomaphagus* Hellwig, 1795.

Subtribe BARYODIRINA Perreau, 2000

BARYODIRINA Perreau, 2000: 24 [stem: *Baryodir-*]. Type genus: *Baryodirus* Perreau, 2000.

Subtribe PTOMAPHAGINA Jeannel, 1911

PTOMAPHAGINI Jeannel, 1911: 193 [stem: *Ptomaphag-*]. Type genus: *Ptomaphagus* Hellwig, 1795.

Subtribe PTOMAPHAGININA Szymczakowski, 1964

PTOMAPHAGININI Szymczakowski, 1964: 66 [stem: *Ptomaphagin-*]. Type genus: *Ptomaphaginus* Portevin, 1914.

Tribe SCIAPHYINI Perreau, 2000

SCIAPHYINI Perreau, 2000: 23 [stem: *Sciaphy-*]. Type genus: *Sciaphyes* Jeannel, 1910.

Subfamily PLATYPSYLLINAE Ritsema, 1869

PLATYPSYLLIDAE Ritsema, 1869: 38 [stem: *Platypsyll-*]. Type genus: *Platypsyllus* Ritsema, 1869.

LEPTINIDAE J. L. LeConte, 1872: 802 [stem: *Leptin-*]. Type genus: *Leptinus* Müller, 1817. Comment: this family-group name has been attributed to J. L. LeConte (1866 [error for 1867]) in the literature, however J. L. LeConte (1867: 368) did not give a name to the new taxon and therefore it is not available; see Newton and Thayer (1992: 37).

Family SILPHIDAE Latreille, 1806

SILPHALES Latreille, 1806: 1 [stem: *Silph-*]. Type genus: *Silpha* Linnaeus, 1758.

Subfamily SILPHINAE Latreille, 1806

SILPHALES Latreille, 1806: 1 [stem: *Silph-*]. Type genus: *Silpha* Linnaeus, 1758.

NECRODISIDAE Gistel, 1848: [4] [stem: *Necrod-*]. Type genus: *Necrodes* Leach, 1815.

Comment: incorrect original stem formation, not in prevailing usage.

Subfamily NICROPHORINAE Kirby, 1837

NICROPHORIDAE Kirby, 1837: 95 [stem: *Nicrophor-*]. Type genus: *Nicrophorus* Fabricius, 1775 [as *Necrophorus*, unjustified emendation of type genus name by Thunberg (1789), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Family STAPHYLINIDAE Latreille, 1802

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: placed on the Official List of Family-Group Names in Zoology (as STAPHYLINIDAE Latreille, [1803-1804]) and “STAPHYLINII Latreille, [1803-1804]” placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1959a); First Reviser (STAPHYLINIDAE Latreille, 1802 vs PSELAPHIDAE Latreille, 1802) not determined, current usage maintained.

Subfamily GLYPHOLOMATINAE Jeannel, 1962

GLYPHOLOMINI Jeannel, 1962b: 482 [stem: *Glypholomat-*]. Type genus: *Glypholoma* Jeannel, 1962. Comment: originally proposed as a tribe of SILPHIDAE; incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 58).

Subfamily MICROSILPHINAE Crowson, 1950

*MICRAGYRTINI Blackwelder, 1944: 84 [stem: *Micragyrt-*]. Type genus: *Micragyrtes* Champion, 1918 [syn. of *Microsilpha* Broun, 1886]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); originally proposed as a tribe of LEIODIDAE.

MICROSILPHINAE Crowson, 1950: 279, in key [stem: *Microsilph-*]. Type genus: *Microsilpha* Broun, 1886. Comment: originally proposed as a subfamily of SILPHIDAE.

MICRAGYRTINI Jeannel, 1962b: 484 [stem: *Micragyrt-*]. Type genus: *Micragyrtes* Champion, 1918 [syn. of *Microsilpha* Broun, 1886]. Comment: originally proposed as a tribe of SILPHIDAE.

Subfamily OMALIINAE MacLeay, 1825

OMALIDAE W. S. MacLeay, 1825: 49 [stem: *Oмали-*]. Type genus: *Omalium* Gravenhorst, 1802.

Tribe ANTHOPHAGINI Thomson, 1859

ANTHOPHAGIDES C. G. Thomson, 1859: 48 [stem: *Anthophag-*]. Type genus: *Anthophagus* Gravenhorst, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2004d)].

BRATHINIDAE J. L. LeConte, 1861: 48 [stem: *Brathin-*]. Type genus: *Brathinus* J. L. LeConte, 1852. Comment: originally proposed as a subfamily of SILPHIDAE.

*LESTÉVATES Mulsant and Rey, 1880: 8 [stem: *Lestev-*]. Type genus: *Lesteva* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 2004d)]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Mulsant and Rey (1880).

LESTEVINA Jakobson, 1908: 450 [stem: *Lestev-*]. Type genus: *Lesteva* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 2004d)].

Tribe APHAENOSTEMMINI Peyerimhoff, 1914

APHAENOSTEMMINI Peyerimhoff, 1914: 248, in key [stem: *Aphaenostemm-*]. Type genus: *Aphaenostemmus* Peyerimhoff, 1914.

Tribe CORNEOLABIINI Steel, 1950

CORNEOLABIINI Steel, 1950: 54 [stem: *Corneolabi-*]. Type genus: *Corneolabium* Steel, 1950.

Tribe CORYPHIINI Jakobson, 1908

CORYPHIINI Jakobson, 1908: 452 [stem: *Coryphi-*]. Type genus: *Coryphium* Stephens, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1990b)].

Subtribe BOREAPHILINA Zerche, 1990

*BORÉAPHILAIRES Mulsant and Rey, 1880: 391 [stem: *Boreaphil-*]. Type genus: *Boreaphilus* Sahlberg, 1832. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Mulsant and Rey (1880).

BOREAPHILINA Zerche, 1990: 22, in key [stem: *Boreaphil-*]. Type genus: *Boreaphilus* Sahlberg, 1832. Comment: family-group name proposed as new without reference to BORÉAPHILAIRES Mulsant and Rey, 1880.

Subtribe CORYPHIINA Jakobson, 1908

CORYPHIINA Jakobson, 1908: 452 [stem: *Coryphi-*]. Type genus: *Coryphium* Stephens, 1834 [placed on the Official List of Generic Names in Zoology (ICZN 1990b)].

Tribe EUSPHALERINI Hatch, 1957

*ANTHOBIATES Mulsant and Rey, 1880: 290 [stem: *Anthobi-*]. Type genus: *Anthobium* sensu Erichson, 1840 [not *Anthobium* Leach, 1819; syn. of *Eusphalerum* Kraatz, 1857]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1880).

ANTHOBIINI Portevin, 1929: 450 [stem: *Anthobi-*]. Type genus: *Anthobium* sensu Erichson, 1840 [not *Anthobium* Leach, 1819; syn. of *Eusphalerum* Kraatz, 1857]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

EUSPHALERINI Hatch, 1957: 82 [stem: *Eusphaler-*]. Type genus: *Eusphalerum* Kraatz, 1857. Comment: new name for ANTHOBIINI; although this is not the oldest name for the tribe, we recommend that an application be submitted to the Commission to suppress the older name ANTHOBIINI Poertevin, 1929 because it is based on a misidentified type genus (Art. 65.2.1).

Tribe HADROGNATHINI Portevin, 1929

*EUGNATHATES Mulsant and Rey, 1880: 386 [stem: *Eugnath-*]. Type genus: *Eugnathus* Mulsant and Rey, 1851 [preoccupied genus name, not *Eugnathus* Schönherr, 1833 [Coleoptera: CURCULIONIDAE] or *Eugnathus* Agassiz, 1836 [Pisces]; syn. of *Hadrognathus* Schaum, 1852]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

HADROGNATHINI Portevin, 1929: 431 [stem: *Hadrognath-*]. Type genus: *Hadrognathus* Schaum, 1852.

Tribe OMALIINI MacLeay, 1825

OMALIDAE W. S. MacLeay, 1825: 49 [stem: *Omal-*]. Type genus: *Omalium* Gravenhorst, 1802. Comment: incorrect original stem formation, not in prevailing usage.

MICRALYMMATES Mulsant and Rey, 1880: 3 [stem: *Micralymmat-*]. Type genus: *Micralymma* Westwood, 1838. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Portevin (1929: 443, as MICRALYMMINI), generally accepted as in Newton and Thayer (1992: 58, as MICRALYMMINI); incorrect original stem formation, not in prevailing usage.

TETRADELI Fauvel, 1904: 90 [stem: *Tetradel-*]. Type genus: *Tetradelus* Fauvel, 1904.

ARPEDIOPSINI Cameron, 1917a: 123 [stem: *Arpediopse*-.]. Type genus: *Arpediopsis* Cameron, 1917 [preoccupied genus name, not *Arpediopsis* Ganglbauer, 1895 [Coleoptera: STAPHYLINIDAE: OMALIINAE: ANTHOPHAGINI]; syn. of *Crymus* Fauvel, 1904]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

ARPEDIOMIMI Cameron, 1917b: 277 [stem: *Arpediomim*-.]. Type genus: *Arpediomimus* Cameron, 1917 [syn. of *Crymus* Fauvel, 1904]. Comment: replacement name for ARPEDIOPSINI Cameron, 1917; incorrect original stem formation, not in prevailing usage.

PHLOEONOMINI Ádám, 2001: 231 [stem: *Phloeonom*-.]. Type genus: *Phloeonomus* Heer, 1839. Comment: **syn. nov.**

Subfamily EMPELINAE Newton and Thayer, 1992

*EMPELIDAE M. Abdullah, 1969b: 683 [stem: *Empel*-.]. Type genus: *Empelus* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EMPELINAE Newton and Thayer, 1992: 25 [stem: *Empel*-.]. Type genus: *Empelus* J. L. LeConte, 1861.

Subfamily PROTEININAE Erichson, 1839

PROTEININI Erichson, 1839a: 641 [stem: *Protein*-.]. Type genus: *Proteinus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1969a)].

Tribe ANEPIINI Steel, 1966

ANEPIINI Steel, 1966: 306 [stem: *Anepi*-.]. Type genus: *Anepius* Blackburn, 1902.

Tribe AUSTRORHYSINI Newton and Thayer, 1995

AUSTRORHYSINI Newton and Thayer, 1995: 298 [stem: *Austrorhys*-.]. Type genus: *Austrorhysus* Steel, 1966.

Tribe NESONEINI Steel, 1966

NESONEINI Steel, 1966: 292 [stem: *Nesone*-.]. Type genus: *Nesoneus* Bernhauer, 1939.

Tribe PROTEININI Erichson, 1839

PROTEININI Erichson, 1839a: 641 [stem: *Protein*-.]. Type genus: *Proteinus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1969a)]. Comment: this family-group name was also proposed in the same year by Erichson (1839b: 31, as PROTEININI) and Heer (1839b: 4, as PROTEININA); for comments about the priority of these works see Newton and Thayer (1992: 24).

*PHLÉOBIENS Mulsant and Rey, 1876: 209 [stem: *Phloeobi*-.]. Type genus: *Phloeobium* sensu Erichson, 1840 [not *Phloeobium* Dejean, 1833; syn. of

Metopsia Wollaston, 1854]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Mulsant and Rey, 1876; incorrect original stem formation, not in prevailing usage.

PHLOEOBIINAE Fowler, 1888: 431 [stem: *Phloeobi-*]. Type genus: *Phloeobium* sensu Erichson, 1840 [not *Phloeobium* Dejean, 1833; syn. of *Metopsia* Wollaston, 1854]. Comment: based on a misidentified type genus.

MEGARTHRIINI Joy, 1932: 93, in key [stem: *Megarthr-*]. Type genus: *Megarthrus* Curtis, 1829.

METOPSIINAE Tottenham, 1954: 8, in key [stem: *Metopsi-*]. Type genus: *Metopsia* Wollaston, 1854.

PTERONINI Arnett, 1961: 238, in key [stem: *Pteroni-*]. Type genus: *Pteronius* Blackwelder, 1952 [syn. of *Proteinus* Latreille, 1797]. Comment: incorrect original stem formation, not in prevailing usage.

PTERONIINAE I. Moore, 1964: 85, in key [stem: *Pteroni-*]. Type genus: *Pteronius* Blackwelder, 1952 [syn. of *Proteinus* Latreille, 1797]. Comment: proposed as new without reference to PTERONINI Arnett, 1961.

Tribe SILPHOTELINI Newton and Thayer, 1995

SILPHOTELINI Newton and Thayer, 1995: 297 [stem: *Silphotel-*]. Type genus: *Silphotelus* Broun, 1895.

Subfamily MICROPEPLINAE Leach, 1815

MICROPEPLIDA Leach, 1815: 90 [stem: *Micropepl-*]. Type genus: *Micropeplus* Latreille, 1809.

MICROPEPLIDA Heer, 1839a: 169 [stem: *Micropepl-*]. Type genus: *Micropeplus* Latreille, 1809. Comment: family-group name proposed as new without reference to MICROPEPLIDA Leach, 1815; this family-group name was also used in the same year by Heer (1839b: 4, as MICROPEPLIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

Subfamily NEOPHONINAE Fauvel, 1905

NEOPHONI Fauvel, 1905a: 98 [stem: *Neophon-*]. Type genus: *Neophonus* Fauvel, 1905.

Subfamily DASYCERINAE Reitter, 1887

DASYCERINI Reitter, 1887: 8, in key [stem: *Dasycer-*]. Type genus: *Dasycerus* Brongniart, 1800. Comment: originally proposed as a new tribe of LATRIDIIDAE; the earlier usage of the DASYCERINAE by Swainson (1840: 293) was not based on a type genus and is therefore unavailable.

Subfamily PROTOPSELAPHINAE Newton and Thayer, 1995

PROTOPSELAPHINAE Newton and Thayer, 1995: 227 [stem: *Protopselaph-*]. Type genus: *Protopselaphus* Newton and Thayer, 1995.

Subfamily PSELAPHINAE Latreille, 1802

PSELAPHII Latreille, 1802: 239 [stem: *Pselaph-*]. Type genus: *Pselaphus* Herbst, 1791.

Supertribe BATRISITAE Reitter, 1882

BATRISINI Reitter, 1882b: 183 [stem: *Batris-*]. Type genus: *Batrisus* Aubé, 1833.

Tribe AMAUROPINI Jeannel, 1948

AMAUROPSINI Jeannel, 1948a: 1 [stem: *Amaurop-*]. Type genus: *Amaurops* Fairmaire, 1851. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 37).

Tribe BATRISINI Reitter, 1882

BATRISINI Reitter, 1882b: 183 [stem: *Batris-*]. Type genus: *Batrisus* Aubé, 1833.

Subtribe AMBICOCERINA Leleup, 1970

AMBICOCERINA Leleup, 1970: 309 [stem: *Ambicocer-*]. Type genus: *Ambicocerus* Leleup, 1970.

Subtribe BATRISINA Reitter, 1882

BATRISINI Reitter, 1882b: 183 [stem: *Batris-*]. Type genus: *Batrisus* Aubé, 1833.

OROPYGIINA Jeannel, 1949a: 113, in key [stem: *Orropygi-*]. Type genus: *Orropygia* Raffray, 1910 [as *Oropygia*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 37).

TRABISINA Jeannel, 1949a: 114, in key [stem: *Trabis-*]. Type genus: *Trabisus* Raffray, 1890 [syn. of *Atheropterus* Raffray, 1882].

Subtribe LEUPELIINA Jeannel, 1954

LEUPELIINA Jeannel, 1954c: 106 [stem: *Leupeli-*]. Type genus: *Leupelia* Jeannel, 1954.

Subtribe STILIPALPINA Jeannel, 1954

STILIPALPINA Jeannel, 1954c: 118 [stem: *Stilipalp-*]. Type genus: *Stilipalpus* Jeannel, 1951.

Tribe THAUMASTOCEPHALINI Poggi, Nonveiller, Colla, Pavićević and Rada, 2001

THAUMASTOCEPHALINI Poggi et al., 2001: 5, in key [stem: *Thaumastocephal-*]. Type genus: *Thaumastocephalus* Poggi et al., 2001.

Supertribe CLAVIGERITAE Leach, 1815

CLAVIGERIDES Leach, 1815: 117 [stem: *Claviger-*]. Type genus: *Claviger* Preysler, 1790.

Tribe CLAVIGERINI Leach, 1815

CLAVIGERIDES Leach, 1815: 117 [stem: *Claviger*-.]. Type genus: *Claviger* Preyssler, 1790.

Subtribe APODERIGERINA Jeannel, 1954

APODERIGERINI Jeannel, 1954a: 310 [stem: *Apoderiger*-.]. Type genus: *Apoderiger* Wasmann, 1897.

Subtribe CLAVIGERINA Leach, 1815

CLAVIGERIDES Leach, 1815: 117 [stem: *Claviger*-.]. Type genus: *Claviger* Preyssler, 1790.

ADRANITES Desmarest, 1857: 144 [stem: *Adran*-.]. Type genus: *Adranes* J. L. LeConte, 1849.

ADRANIINI O. Park, 1951: 58, in key [stem: *Adran*-.]. Type genus: *Adranes* J. L. LeConte, 1849. Comment: family-group name proposed as new without reference to ADRANITES Desmarest, 1857; incorrect original stem formation, not in prevailing usage.

Subtribe CLAVIGERODINA Schaufuss, 1882

CLAVIGERODINI L. W. Schaufuss, 1882a: 205 [stem: *Clavigerod*-.]. Type genus: *Clavigerodes* Raffray, 1877.

COMMATOCERINI L. W. Schaufuss, 1882b: 349 [stem: *Commatocer*-.]. Type genus: *Commatocerus* Raffray, 1882 [syn. of *Fustiger* J. L. LeConte, 1866].

CLAVIGEROPSINI L. W. Schaufuss, 1890: in table [stem: *Clavigeropse*-.]. Type genus: *Clavigeropsis* Raffray, 1882. Comment: incorrect original stem formation, not in prevailing usage.

FUSTIGERINI Jeannel, 1949a: 31 [stem: *Fustiger*-.]. Type genus: *Fustiger* J. L. LeConte, 1866.

NEOCERATOPSINI Célis, 1970: 260 [stem: *Neoceratopse*-.]. Type genus: *Neoceratopsis* Jeannel, 1956. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe DISARTHRICERINA Jeannel, 1949

DIARTHRICERINI Jeannel, 1949a: 29, in key [stem: *Disarthricer*-.]. Type genus: *Disarthricerus* Raffray, 1895 [as *Diarthricerus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe HOPLITOXENINA Célis, 1969

HOPLITOXENINI Célis, 1969: 418 [stem: *Hoplitoxen*-.]. Type genus: *Hoplitoxenus* Jeannel, 1960.

DIMEROMETOPINI Célis, 1970: 244 [stem: *Dimerometop*-.]. Type genus: *Dimerometopus* Célis, 1970.

Subtribe LUNILLINA Célis, 1969

LUNILLINI Célis, 1969: 416 [stem: *Lunill-*]. Type genus: *Lunilla* Jeannel, 1957.

Subtribe MASTIGERINA Jeannel, 1954

MASTIGERINI Jeannel, 1954a: 291, in key [stem: *Mastiger-*]. Type genus: *Mastiger* Motschulsky, 1851.

Subtribe MIROCLAVIGERINA Jeannel, 1949

MIROCLAVIGERINI Jeannel, 1949a: 29, in key [stem: *Miroclaviger-*]. Type genus: *Miroclaviger* Wasmann, 1893.

Subtribe NEOCERINA Jeannel, 1954

NEOCERINI Jeannel, 1954a: 316 [stem: *Neocer-*]. Type genus: *Neocerus* Wasmann, 1893. Comment: First Reviser (NEOCERINA Jeannel, 1954 vs THEOCERINA Jeannel, 1954) not determined, current usage maintained.

THEOCERINI Jeannel, 1954a: 314 [stem: *Theocer-*]. Type genus: *Theocerus* Raffray, 1897.

Subtribe RADAMINA Jeannel, 1954

RADAMINI Jeannel, 1954a: 319 [stem: *Radam-*]. Type genus: *Radama* Raffray, 1883.

Subtribe THYSDARIINA Jeannel, 1954

THYSDARIINI Jeannel, 1954a: 332 [stem: *Thysdari-*]. Type genus: *Thysdarius* Fairmaire, 1904.

Tribe COLILODIONINI Besuchet, 1991

COLILODIONINI Besuchet, 1991: 514 [stem: *Colilodion-*]. Type genus: *Colilodion* Besuchet, 1991.

Tribe TIRACERINI Besuchet, 1986

ARTICERIDES Desmarest, 1857: 145 [stem: *Articer-*]. Type genus: *Articerus* sensu Hope, 1845 [not *Articerus* Dalman, 1826; syn. of *Tiracerus* Besuchet, 1986]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

TIRACERINI Besuchet, 1986: 263 [stem: *Tiracer-*]. Type genus: *Tiracerus* Besuchet, 1986.

Supertribe EUPLECTITAE Streubel, 1839

EUPLECTIDAE Streubel, 1839: 135 [stem: *Euplect-*]. Type genus: *Euplectus* Leach, 1817.

Tribe BYTHINOPECTINI Schaufuss, 1890

BYTHINOPECTINI L. W. Schaufuss, 1890: in table [stem: *Bythinoplect-*]. Type genus: *Bythinoplectus* Reitter, 1882.

Subtribe BYTHINOPECTINA Schaufuss, 1890

BYTHINOPECTINI L. W. Schaufuss, 1890: in table [stem: *Bythinoplect-*]. Type genus: *Bythinoplectus* Reitter, 1882.

ZETHINI L. W. Schaufuss, 1890: in table [stem: *Zeth-*]. Type genus: *Zethus* L. W. Schaufuss, 1872 [preoccupied genus name, not *Zethus* Fabricius, 1805 [Hymenoptera], not *Zethus* Pander, 1830 [Trilobita]; syn. of *Zethopsus* Reitter, 1880]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ZETHOPSINA Jeannel, 1952a: 51, in key [stem: *Zethops-*]. Type genus: *Zethopsus* Reitter, 1880.

Subtribe PYXIDICERINA Raffray, 1904

PYXIDICERINI Raffray, 1904: 489, in key [stem: *Pyxidicer-*]. Type genus: *Pyxidicerus* Motschulsky, 1863.

Tribe DIMERINI Raffray, 1908

DIMERINI Raffray, 1908: 412 [stem: *Dimer-*]. Type genus: *Dimerus* Fiori, 1899 [syn. of *Octomicrus* L. W. Schaufuss, 1877]. Comment: published before 17 March 1908; this family-group name was also used in the same year by Bernhauer (1908 [23 March]: 327, as DIMERINI); use of family-group name DIMERINI Raffray, 1908 (based on synonym) conserved (Art. 40.2); see Newton and Thayer (1992: 39).

OCTOMICRINI Jeannel, 1952a: 43 [stem: *Octomicr-*]. Type genus: *Octomicrus* L. W. Schaufuss, 1877.

Tribe EUPLECTINI Streubel, 1839

EUPLECTIDAE Streubel, 1839: 135 [stem: *Euplect-*]. Type genus: *Euplectus* Leach, 1817.

MITRACEPHALINI O. Park, 1951: 64, in key [stem: *Mitracephal-*]. Type genus: *Mitracephala* Raffray, 1890 [preoccupied genus name, not *Mitracephala* J. Thomson, 1859 [Coleoptera: SCARABAEIDAE]; syn. of *Mitrametopus* Raffray, 1911]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MITRAMETOPINA O. Park, 1952: 87 [stem: *Mitrametop-*]. Type genus: *Mitrametopus* Raffray, 1911. Comment: replacement name for MITRACEPHALINI O. Park, 1951 because of the homonymy of the type genus.

Tribe JUBINI Raffray, 1904

JUBINI Raffray, 1904: 489, in key [stem: *Jub-*]. Type genus: *Jubus* L. W. Schaufuss, 1872.

AUXENOCERINI Jeannel, 1962a: 319 [stem: *Auxenocer-*]. Type genus: *Auxenocerus* Jeannel, 1962.

Tribe MAYETIINI Winkler, 1925

MAYETIINI A. Winkler, 1925: 348 [stem: *Mayeti-*]. Type genus: *Mayetia* Mulsant and Rey, 1875.

Tribe METOPIASINI Raffray, 1904

METOPIINI Raffray, 1904: 490, in key [stem: *Metopias-*]. Type genus: *Metopias* Gory, 1832 [placed on the Official List of Generic Names in Zoology (ICZN 1994d)]. Comment: *Metopias-* established as the correct stem and METOPIASINI Raffray, 1904 placed on the Official List of Family-Group Names in Zoology (ICZN 1994d).

Subtribe METOPIASINA Raffray, 1904

METOPIINI Raffray, 1904: 490, in key [stem: *Metopias-*]. Type genus: *Metopias* Gory, 1832 [placed on the Official List of Generic Names in Zoology (ICZN 1994d)]. Comment: correct original stem *Metopi-* modified to *Metopias-* and METOPIASINI Raffray, 1904 placed on the Official List of Family-Group Names in Zoology (ICZN 1994d); METOPIINI Raffray, 1904 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1994d).

Subtribe RHINOSCEPSINA Bowman, 1934

RHINOSCEPSII Bowman, 1934: 8 [stem: *Rhinosceps-*]. Type genus: *Rhinoscepsis* J. L. LeConte, 1878. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Rhinoscepse-*).

Tribe TRICHONYCHINI Reitter, 1882

TRICHONYIDES Reitter, 1882b: 194 [stem: *Trichonych-*]. Type genus: *Trichonyx* Chaudoir, 1845.

Subtribe BIBLOPORINA Park, 1951

BIBLOPORINI O. Park, 1951: 64, in key [stem: *Biblopor-*]. Type genus: *Bibloporus* C. G. Thomson, 1859.

BIBLOPORELLINA Jeannel, 1952a: 92 [stem: *Bibloporell-*]. Type genus: *Bibloporellus* Jeannel, 1949.

Subtribe PANAPHANTINA Jeannel, 1950

PANAPHANTINA Jeannel, 1950a: 76 [stem: *Panaphant-*]. Type genus: *Panaphantus* Kiesenwetter, 1858.

TRISIGNINA O. Park and Schuster, 1955: 1 [stem: *Trisign-*]. Type genus: *Trisignis* O. Park and Schuster, 1955.

ACETALIINI Jeannel, 1958a: 81 [stem: *Acetali-*]. Type genus: *Acetalius* Sharp, 1883.
BIBLOPECTINA Jeannel, 1959: 96, in key [stem: *Biblopect-*]. Type genus: *Biblopectus* Reitter, 1881.

Subtribe TRICHONYCHINA Reitter, 1882

TRICHONYIDES Reitter, 1882b: 194 [stem: *Trichonych-*]. Type genus: *Trichonyx* Chaudoir, 1845. Comment: incorrect original stem formation, not in prevailing usage.
RAFFRAYINA Jeannel, 1949a: 76 [stem: *Raffrayi-*]. Type genus: *Raffrayia* Reitter, 1882. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Jeannel (1964: 65, as RAFFRAYIINI).
RANAVALINI Jeannel, 1954a: 183 [stem: *Ranaval-*]. Type genus: *Ranavala* Raffray, 1898.
CHRESTOMERINA Jeannel, 1962a: 344 [stem: *Chrestomer-*]. Type genus: *Chrestomera* Jeannel, 1962.
PTERACMINI Jeannel, 1962a: 347 [stem: *Pteracmet-*]. Type genus: *Pteracmes* Raffray, 1890. Comment: incorrect original stem formation, not in prevailing usage.
TRIMIODYTINA Jeannel, 1964: 39 [stem: *Trimiodyt-*]. Type genus: *Trimiodytes* Raffray, 1897.

Subtribe TRIMIINA Bowman, 1934

TRIMII Bowman, 1934: 8 [stem: *Trimii-*]. Type genus: *Trimium* Aubé, 1833.
TRIMIINA Jeannel, 1950a: 139 [stem: *Trimii-*]. Type genus: *Trimium* Aubé, 1833. Comment: family-group name proposed as new without reference to TRIMII Bowman, 1934.

Tribe TROGASTRINI Jeannel, 1949

TROGASTRINI Jeannel, 1949a: 41, in key [stem: *Trogastr-*]. Type genus: *Trogaster* Sharp, 1874.

Subtribe PHTEGNOMINA Park, 1951

PHTEGNOMINI O. Park, 1951: 64, in key [stem: *Phtegnom-*]. Type genus: *Phtegnomus* Raffray, 1890.

Subtribe RHEXIINA Park, 1951

RHEXINI O. Park, 1951: 63, in key [stem: *Rhexi-*]. Type genus: *Rhexius* J. L. LeConte, 1849. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 39).

Subtribe TROGASTRINA Jeannel, 1949

TROGASTRINI Jeannel, 1949a: 41, in key [stem: *Trogastr-*]. Type genus: *Trogaster* Sharp, 1874.

Supertribe FARONITAE Reitter, 1882

FARONIDES Reitter, 1882b: 194 [stem: *Faron-*]. Type genus: *Faronus* Aubé, 1844.

Supertribe GONIACERITAE Reitter, 1882 (1872)

GONIACERIDES Reitter, 1882b: 188 [stem: *Goniacer-*]. Type genus: *Goniacerus* Motschulsky, 1855. Comment: use of family-group name conserved over GONIASTITAE L. W. Schaufuss, 1872 (Art. 40.2) (see Newton and Thayer 1992: 39).

Tribe ARNYLLIINI Jeannel, 1952

ARNYLLIINI Jeannel, 1952b: 100 [stem: *Arnylli-*]. Type genus: *Arnyllium* Reitter, 1884.

Tribe BARROSELLINI Leleup, 1973

BARROSELLINI Leleup, 1973: 81 [stem: *Barrosell-*]. Type genus: *Barrosellus* Jeannel, 1951.

Tribe BRACHYGLUTINI Raffray, 1904

BRACHYGLUTINI Raffray, 1904: 490, in key [stem: *Brachyglut-*]. Type genus: *Brachygluta* C. G. Thomson, 1859.

Subtribe BARADINA Park, 1951

BARADINI O. Park, 1951: 62, in key [stem: *Barad-*]. Type genus: *Barada* Raffray, 1891 [syn. of *Euphalepsus* Reitter, 1883]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 40).

Subtribe BRACHYGLUTINA Raffray, 1904

BRYAXES J. L. LeConte, 1861: 57 [stem: *Bryaxe-*]. Type genus: *Bryaxis* Leach, 1817 [preoccupied genus name, not *Bryaxis* Kugelann, 1794 [Coleoptera: STAPHYLINIDAE: PSELAPHINAE: BYTHININI]; placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1969b); syn. of *Rybaxis* Saulcy, 1876]. Comment: permanently invalid (Art. 39): based on preoccupied and suppressed type genus; incorrect original stem formation, not in prevailing usage.

BRACHYGLUTINI Raffray, 1904: 490, in key [stem: *Brachyglut-*]. Type genus: *Brachygluta* C. G. Thomson, 1859. Comment: replacement name for BRYAXES J. L. LeConte, 1861.

REICHENBACHIINA Jakobson, 1910: 577 [stem: *Reichenbachi-*]. Type genus: *Reichenbachia* Leach, 1826.

GLOBINA Jeannel, 1959: 462, in key [stem: *Glob-*]. Type genus: *Globa* Raffray, 1887.

HALORABYXINA Leleup, 1969a: 138 [stem: *Halorabyx-*]. Type genus: *Halorabyxis* Jeannel, 1954 [syn. of *Physoplectus* Reitter, 1882].

PSELAPTINA O. Park, 1976: 48 [stem: *Pselapt-*]. Type genus: *Pselaptus* J. L. LeConte, 1880.

Subtribe DECARTHINA Park, 1951

DECARTHONINI O. Park, 1951: 61, in key [stem: *Decarthr-*]. Type genus: *Decarthron* Brendel, 1865. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 40).

Subtribe EUPSENIINA Park, 1951

EUPSENIINI O. Park, 1951: 61, in key [stem: *Eupseni-*]. Type genus: *Eupsenius* J. L. LeConte, 1849.

Tribe BYTHININI Raffray, 1890

BYTHININI Raffray, 1890: 83, in key [stem: *Bythin-*]. Type genus: *Bythinus* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1969b)].

Subtribe BYTHININA Raffray, 1890

BYTHININI Raffray, 1890: 83, in key [stem: *Bythin-*]. Type genus: *Bythinus* Leach, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1969b)].

BRYAXINA Jakobson, 1910: 579 [stem: *Bryaxe-*]. Type genus: *Bryaxis* Kugelann, 1794 [placed on the Official List of Generic Names in Zoology (ICZN 1969b)]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe MACHAERITINA Jeannel, 1950

MACHAERITINA Jeannel, 1950a: 168 [stem: *Machaerit-*]. Type genus: *Machaerites* Miller, 1855.

Subtribe XENOBYTHINA Jeannel, 1950

XENOBYTHINA Jeannel, 1950a: 201 [stem: *Xenobyth-*]. Type genus: *Xenobythus* Peyerimhoff, 1901.

Tribe CYATHIGERINI Schaufuss, 1872

CYATHIGERINI L. W. Schaufuss, 1872: 245 [stem: *Cyathiger-*]. Type genus: *Cyathiger* King, 1865 [syn. of *Plagiophorus* Motschulsky, 1851].

Tribe GONIACERINI Reitter, 1882 (1872)

GONIASTINI L. W. Schaufuss, 1872: 245 [stem: *Goniast-*]. Type genus: *Goniastes* Westwood, 1870. Comment: use of younger family-group name GONIACERINI Reitter, 1882 conserved (Art. 40.2) (see Newton and Thayer 1992: 40).

- GONIACERIDES Reitter, 1882b: 188 [stem: *Goniacer-*]. Type genus: *Goniacerus* Motschulsky, 1855. Comment: use of family-group name conserved over GONIASTINI L. W. Schaufuss, 1872 (Art. 40.2) (see Newton and Thayer 1992: 40).
- SIMINI L. W. Schaufuss, 1890: in table [stem: *Sim-*]. Type genus: *Simus* Raffray, 1882 [preoccupied genus name, not *Simus* Bonaparte, 1838 [Reptilia] or *Simus* Hodgson, 1841 [Aves]; syn. of *Ipsimus* Reitter, 1885]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- LISTRIOPHORINI L. W. Schaufuss, 1890: in table [stem: *Listriophor-*]. Type genus: *Listriophorus* L. W. Schaufuss, 1872.

Tribe IMIRINI Jeannel, 1949

- MIRINI Raffray, 1917: 110 [stem: *Mir-*]. Type genus: *Mirus* Saulcy, 1877 [preoccupied genus name, not *Mirus* Albers, 1850 [Mollusca]; syn. of *Imirus* Reitter, 1885]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; junior homonym of MIRIDAE Hahn, 1833 (type genus *Miris* Fabricius, 1794) in Hemiptera.
- IMIRINI Jeannel, 1949a: 41, in key [stem: *Imir-*]. Type genus: *Imirus* Reitter, 1885.

Tribe INIOCYPHINI Park, 1951

- INIOCYPHINI O. Park, 1951: 60, in key [stem: *Iniocyph-*]. Type genus: *Iniocyphus* Raffray, 1912.

Subtribe INIOCYPHINA Park, 1951

- INIOCYPHINI O. Park, 1951: 60, in key [stem: *Iniocyph-*]. Type genus: *Iniocyphus* Raffray, 1912. Comment: First Reviser found (INIOCYPHINA Park, 1951 vs DALMODIINA Park, 1951) is Chandler (2001: 377).
- DALMODIINI O. Park, 1951: 61, in key [stem: *Dalmod-*]. Type genus: *Dalmodes* Reitter, 1882. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 41).

Subtribe NATYPLEURINA Newton and Thayer, 1992

- TANYPLEURINI Jeannel, 1949a: 79 [stem: *Tanypleur-*]. Type genus: *Tanypleurus* Raffray, 1890 [preoccupied genus name, not *Tanypleurus* Steenstrup and Luetken, 1861 [Crustacea]; syn. of *Natypleurus* Newton and Thayer, 1992]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- NATYPLEURINA Newton and Thayer, 1992: 41 [stem: *Natypleur-*]. Type genus: *Natypleurus* Newton and Thayer, 1992. Comment: replacement name for TANYPLEURINI Jeannel, 1949 because of the homonymy of the type genus.

Tribe MACHADOINI Jeannel, 1951

- MACHADOINI Jeannel, 1951: 105 [stem: *Machado-*]. Type genus: *Machadous* Jeannel, 1951.

Tribe PROTERINI Jeannel, 1949

PROTERINI Jeannel, 1949a: 41, in key [stem: *Proter-*]. Type genus: *Proterus* Raffray, 1897.

Tribe PYGOXYINI Reitter, 1909

PYGOXYINI Reitter, 1909: 202 [stem: *Pygoxy-*]. Type genus: *Pygoxyon* Reitter, 1880.

Tribe SPELEOBAMINI Park, 1951

SPELEOBAMINI O. Park, 1951: 51 [stem: *Speleobam-*]. Type genus: *Speleobama* O. Park, 1951.

Tribe TYCHINI Raffray, 1904

TYCHINI Raffray, 1904: 490, in key [stem: *Tych-*]. Type genus: *Tychus* Leach, 1817.

Tribe VALDINI Park, 1953

VALDINI O. Park, 1953: 261 [stem: *Vald-*]. Type genus: *Valda* Casey, 1894. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 41).

Supertribe PSELAPHITAE Latreille, 1802

PSELAPHII Latreille, 1802: 239 [stem: *Pselaph-*]. Type genus: *Pselaphus* Herbst, 1791.

Tribe ARHYTODINI Raffray, 1890

ARHYTODINI Raffray, 1890: 84, in key [stem: *Arhytod-*]. Type genus: *Arhytodes* Reitter, 1882 [syn. of *Rhytus* Westwood, 1870].

HOLOZODINI Raffray, 1900: 518 [stem: *Holozod-*]. Type genus: *Holozodus* Fairmaire, 1898.

Tribe ATTAPSENIINI Bruch, 1933

ATTAPSENIINI Bruch, 1933a: 26 [stem: *Attapseni-*]. Type genus: *Attapsenius* Bruch, 1933.

Tribe CTENISTINI Blanchard, 1845

CTENISTITES Blanchard, 1845a: 306 [stem: *Ctenist-*]. Type genus: *Ctenistes* Reichenbach, 1816. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Reitter (1882b: 183, as CTENISTINI), generally accepted as in Chandler (2001: 484, as CTENISTINI).

CHENNIIDES Reitter, 1882b: 183 [stem: *Chenni-*]. Type genus: *Chennium* Latreille, 1807.

Tribe HYBOCEPHALINI Raffray, 1890

HYBOCEPHALINI Raffray, 1890: 83, in key [stem: *Hybocephal-*]. Type genus: *Hybocephalus* Motschulsky, 1851.

MESTOGASTRINA Jakobson, 1910: 585 [stem: *Mestogastr-*]. Type genus: *Mestogaster* Schmidt-Göbel, 1838.

Tribe ODONTALGINI Jeannel, 1949

ODONTALGINI Jeannel, 1949a: 177 [stem: *Odontalg-*]. Type genus: *Odontalgus* Raffray, 1877.

Tribe PACHYGASTRODINI Leleup, 1969

PACHYGASTRODINI Leleup, 1969b: 282 [stem: *Pachygastrod-*]. Type genus: *Pachygastrodes* Leleup, 1969.

Tribe PHALEPSINI Jeannel, 1949

PHALEPSINI Jeannel, 1949a: 208 [stem: *Phaleps-*]. Type genus: *Phalepsus* Westwood, 1870.

Tribe PSELAPHINI Latreille, 1802

PSELAPHINI Latreille, 1802: 239 [stem: *Pselaph-*]. Type genus: *Pselaphus* Herbst, 1791.

Tribe SCHISTODACTYLINI Raffray, 1890

SCHISTODACTYLINI Raffray, 1890: 84, in key [stem: *Schistodactyl-*]. Type genus: *Schistodactylus* Raffray, 1883.

Tribe TMESIPHORINI Jeannel, 1949

TMESIPHORINI Jeannel, 1949a: 202 [stem: *Tmesiphor-*]. Type genus: *Tmesiphorus* J. L. LeConte, 1849.

Tribe TYRINI Reitter, 1882

TYRIDES Reitter, 1882b: 184 [stem: *Tyr-*]. Type genus: *Tyrus* Aubé, 1833.

Subtribe CENTROPHTHALMINA Jeannel, 1949

CENTROPHTHALMINA Jeannel, 1949a: 209, in key [stem: *Centrophthalm-*]. Type genus: *Centrophthalmus* Schmidt-Göbel, 1838.

PETANOPINI Jeannel, 1954b: 102, in key [stem: *Petanop-*]. Type genus: *Petanops* Jeannel, 1954 [syn. of *Daveyia* Lea, 1912].

Subtribe JANUSCULINA Cerruti, 1970

JANUSCULINA Cerruti, 1970: 123 [stem: *Januscul-*]. Type genus: *Janusculus* Cerruti, 1970.

Subtribe SOMATIPIONINA Jeannel, 1949

SOMATIPIONINI Jeannel, 1949a: 208 [stem: *Somatipion-*]. Type genus: *Somatipion* L. W. Schaufuss, 1877.

HAMOTINI O. Park, 1951: 67, in key [stem: *Hamot*-.] Type genus: *Hamotus* Aubé, 1844.

Subtribe TYRINA Reitter, 1882

TYRIDES Reitter, 1882b: 184 [stem: *Tyr*-.] Type genus: *Tyrus* Aubé, 1833.

CHALCOPLECTINI Oke, 1925: 13 [stem: *Chalcoplect*-.] Type genus: *Chalcoplectus* Oke, 1925.

CEOPHYLLINI O. Park, 1951: 67, in key [stem: *Ceophyll*-.] Type genus: *Ceophyllus* J. L. LeConte, 1849.

Subfamily PHLOEOCHARINAE Erichson, 1839

PHLOEOCHARINI Erichson, 1839a: 612 [stem: *Phloeochar*-.] Type genus: *Phloeocharis* Mannerheim, 1830. Comment: this family-group name was also used in the same year by Erichson (1839b: 31, as PHLOEOCHARINI) and Heer (1839b: 5, as PHLOEOCHARINA); for comments about the priority of these works see Newton and Thayer (1992: 24); current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Phloeocharit*-).

SCOTODYTIDAE Saulcy, 1870: 90 [stem: *Scotodyt*-.] Type genus: *Scotodytes* Saulcy, 1865 [syn. of *Phloeocharis* Mannerheim, 1830].

Subfamily OLISTHAERINAE Thomson, 1858

OLISTHAERINI C. G. Thomson, 1858: 38 [stem: *Olisthaer*-.] Type genus: *Olisthaerus* Dejean, 1833.

Subfamily TACHYPORINAE MacLeay, 1825

TACHYPORIDAE W. S. MacLeay, 1825: 49 [stem: *Tachypor*-.] Type genus: *Tachyporus* Gravenhorst, 1802.

Tribe DEROPINI Smetana, 1983

DEROPSINI Smetana, 1983: 272 [stem: *Derop*-.] Type genus: *Derops* Sharp, 1889.

Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 66).

Tribe MEGARTHROPSINI Cameron, 1919

MEGARTHROPSINI Cameron, 1919: 231 [stem: *Megarthritis*-.] Type genus: *Megarthritis* Cameron, 1919. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Megarthropse*-).

Tribe MYCETOPORINI Thomson, 1859

MYCETOPORIDES C. G. Thomson, 1859: 46 [stem: *Mycetopor*-.] Type genus: *Mycetoporus* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1993c)].

BOLITOBII G. H. Horn, 1877: 83 [stem: *Bolitobi-*]. Type genus: *Bolitobius* Leach, 1819.

Tribe TACHYPORINI MacLeay, 1825

TACHINIDAE Fleming, 1821: 49 [stem: *Tachinus-*]. Type genus: *Tachinus* Gravenhorst, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1993f)]. Comment: senior homonym of TACHINARIAE Robineau-Desvoidy, 1830 [Diptera: TACHINIDAE], stem emended to *Tachinus-* and TACHINUSIDAE Fleming, 1821 placed on the Official List of Family-Group Names in Zoology (ICZN 1993f); TACHINIDAE Fleming, 1821 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1993f).

TACHYPORIDAE W. S. MacLeay, 1825: 49 [stem: *Tachypor-*]. Type genus: *Tachyporus* Gravenhorst, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1993f)]. Comment: family-group name given precedence over TACHINUSIDAE Fleming, 1821 and placed on the Official List of Family-Group Names in Zoology (ICZN 1993f).

SYMMIXINI Bernhauer, 1915: 56 [stem: *Symmix-*]. Type genus: *Symmixus* Bernhauer, 1915.

EUCONOSOMINI Cameron, 1918: 216 [stem: *Euconosomat-*]. Type genus: *Euconosoma* Cameron, 1918. Comment: incorrect original stem formation, not in prevailing usage.

CONOSOMINI Jeannel and Jarrige, 1949: 335 [stem: *Conosomat-*]. Type genus: *Conosoma* Kraatz, 1857 [preoccupied genus name, not *Conosoma* Lenz, 1794 [Diptera]; syn. of *Tachinus* Gravenhorst, 1802]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

SEPEDOPHILINI Ádám, 2001: 199 [stem: *Sepedophil-*]. Type genus: *Sepedophilus* Gistel, 1856. Comment: **syn. nov.**

Tribe VATESINI Seevers, 1958

XENOCEPHALINI Wasmann, 1887: 411 [stem: *Xenocephal-*]. Type genus: *Xenocephalus* Wasmann, 1887 [preoccupied genus name, not *Xenocephalus* Kaup, 1858 [Pisces]; replaced by *Wasmannotherium* Bernhauer, 1921; syn. of *Vatesus* Sharp, 1876]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

VATESINI Seevers, 1958: 183 [stem: *Vates-*]. Type genus: *Vatesus* Sharp, 1876. Comment: replacement name for XENOCEPHALINI Wasmann, 1887 because of the homonymy of the type genus.

Subfamily TRICHOPHYINAE Thomson, 1858

TRICHOPHYINI C. G. Thomson, 1858: 30 [stem: *Trichophy-*]. Type genus: *Trichophya* Mannerheim, 1830.

Subfamily HABROCERINAE Mulsant and Rey, 1876

HABROCÉRIENS Mulsant and Rey, 1876: 210 [stem: *Habrocer*-.] Type genus: *Habrocerus* Erichson, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1877: 83, as HABROCERI), generally accepted as in Newton and Thayer (1992: 56, as HABROCERINAE).

Subfamily ALEOCHARINAE Fleming, 1821

ALEOCHARIDAE Fleming, 1821: 49 [stem: *Aleochar*-.] Type genus: *Aleochara* Gravenhorst, 1802. Comment: First Reviser (ALEOCHARINAE Fleming, 1821 vs LOMECHUSINAE Fleming, 1821) not determined, current usage maintained.

Tribe ACTOCHARINI Bernhauer and Schubert, 1911

ACTOCHARI Bernhauer and Schubert, 1911: 91 [stem: *Actochar*-.] Type genus: *Actocharis* Fauvel, 1869. Comment: originally proposed as a subtribe of OXYTELINI Fleming, 1821; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Actocharit*-).

Tribe AENICTOTERATINI Kistner, 1993

AENICTOTERATINI Kistner, 1993: 242 [stem: *Aenictoterat*-.] Type genus: *Aenictoteras* W. M. Wheeler, 1932.

Tribe AKATASTOPSISINI Pace, 2000

AKATASTOPSISINI Pace, 2000a: 112 [stem: *Akatastopsis*-.] Type genus: *Akatastopsis* Pace, 2000.

Tribe ALEOCHARINI Fleming, 1821

ALEOCHARIDAE Fleming, 1821: 49 [stem: *Aleochar*-.] Type genus: *Aleochara* Gravenhorst, 1802.

Subtribe ALEOCHARINA Fleming, 1821

ALEOCHARIDAE Fleming, 1821: 49 [stem: *Aleochar*-.] Type genus: *Aleochara* Gravenhorst, 1802.

PIOCHARDIAE Fenyès, 1918: 20 [stem: *Piochardi*-.] Type genus: *Piochardia* Heyden, 1870.

Subtribe COMPACTOPEDIINA Kistner, 1970

COMPACTOPEDINA Kistner, 1970b: 18 [stem: *Compactopedi*-.] Type genus: *Compactopedia* Kistner, 1970. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 47).

Subtribe HODOXENINA Kistner, 1970

HODOXENINA Kistner, 1970a: 12 [stem: *Hodoxen*-.] Type genus: *Hodoxenus* Kistner, 1970.

Tribe ATHETINI Casey, 1910

ATHETAE Casey, 1910: 2 [stem: *Athet*-.] Type genus: *Atheta* C. G. Thomson, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)]. Comment: notice of a new application for the conservation of this name over the older name CALLICERINI Jakobson, 1908 by Gusarov was recently published in the Bulletin of Zoological Nomenclature (2010: 270; also see Appendix 6).

Subtribe ATHETINA Casey, 1910

CALLICERINA Jakobson, 1908: 448 [stem: *Callicer*-.] Type genus: *Callicerus* Gravenhorst, 1802. Comment: junior homonym of CALLICERINA Rondani, 1856 (type genus *Callicera* Panzer, 1806) in Diptera: SYRPHIDAE; notice of a new application for the suppression of this name by Gusarov was recently published in the Bulletin of Zoological Nomenclature (2010: 270; also see Appendix 6).

ATHETAE Casey, 1910: 2 [stem: *Athet*-.] Type genus: *Atheta* C. G. Thomson, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)]. Comment: notice of a new application for the conservation of this name over the older name CALLICERINA Jakobson, 1908 by Gusarov was recently published in the Bulletin of Zoological Nomenclature (2010: 270; also see Appendix 6).

STRIGOTAE Casey, 1910: 176 [stem: *Strigot*-.] Type genus: *Strigota* Casey, 1910.

PLAGIARTHRIINI Cameron, 1926: 184 [stem: *Plagiarthrin*-.] Type genus: *Plagiarthrina* Keys, 1920 [syn. of *Atheta* C. G. Thomson, 1858]. Comment: incorrect original stem formation, not in prevailing usage.

ISCHNOPODINI Hatch, 1957: 141 [stem: *Ischnopod*-.] Type genus: *Ischnopoda* sensu Westwood, 1838 [not *Ischnopoda* Stephens, 1835 (see ICZN 1961b); syn. of *Acrotona* C. G. Thomson, 1859]. Comment: based on misidentified type genus.

*XENOTAE Seevers, 1978: 113 [stem: *Xenot*-.] Type genus: *Xenota* Mulsant and Rey, 1873 [subgenus of *Atheta* C. G. Thomson, 1858]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ACROTONAE Seevers, 1978: 97 [stem: *Acroton*-.] Type genus: *Acrotona* C. G. Thomson, 1859 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)].

GEOSTIBAE SeEVERS, 1978: 126 [stem: *Geostib-*]. Type genus: *Geostiba* C. G. Thomson, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 2005a)].

DIMETROTAE SeEVERS, 1978: 102 [stem: *Dimetrot-*]. Type genus: *Dimetrota* Mulsant and Rey, 1873 [subgenus of *Atheta* C. G. Thomson, 1858].

*HYDROSMECTINA Muona, 1979: 23 [stem: *Hydrosmect-*]. Type genus: *Hydrosmecta* C. G. Thomson, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*TRICHOMICRINA Muona, 1979: 23 [stem: *Trichomicr-*]. Type genus: *Trichomicra* Brundin, 1945. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*DADOBIINA Muona, 1979: 23 [stem: *Dadobi-*]. Type genus: *Dadobia* C. G. Thomson, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*AMISCHINA Muona, 1979: 25 [stem: *Amisch-*]. Type genus: *Amischa* C. G. Thomson, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe COPTOTERMOECIINA Kistner and Pasteels, 1970

*COPTOTERMOECIINA SeEVERS, 1957: 248 [stem: *Coptotermoeci-*]. Type genus: *Coptotermoecia* Oke, 1933. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

COPTOTERMOECIINA Kistner and Pasteels, 1970: 86 [stem: *Coptotermoeci-*]. Type genus: *Coptotermoecia* Oke, 1933.

Subtribe MICROCEROXENINA Kistner, 1970

MICROCEROXENINA Kistner, 1970c: 10 [stem: *Microceroxen-*]. Type genus: *Microceroxenus* Kistner, 1970.

Subtribe NASUTIPHILINA Kistner, 1970

NASUTIPHILINA Kistner, 1970d: 500 [stem: *Nasutiphil-*]. Type genus: *Nasutiphilus* Kistner, 1970.

Subtribe SCHISTOGENIINA Fenyes, 1918

SCHISTOGENIAE Fenyes, 1918: 18 [stem: *Schistogeni-*]. Type genus: *Schistogenia* Kraatz, 1857.

Subtribe TAXICERINA Lohse, 1989

TAXICERINA Lohse, 1989: 210 [stem: *Taxicer-*]. Type genus: *Taxicera* Mulsant and Rey, 1873.

Subtribe TERMITOTELINA Kistner, 1970

*TERMITOTELINA Seevers, 1957: 250 [stem: *Termitotel-*]. Type genus: *Termitotelus* Wasmann, 1908. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

TERMITOTELINA Kistner, 1970a: 4 [stem: *Termitotel-*]. Type genus: *Termitotelus* Wasmann, 1908.

Subtribe THAMIARAEINA Fenyes, 1921

THAMIARAEINI Fenyes, 1921: 34 [stem: *Thamiarae-*]. Type genus: *Thamiaraea* C. G. Thomson, 1858.

Tribe AUTALIINI Thomson, 1859

AUTALIIDES C. G. Thomson, 1859: 30 [stem: *Autali-*]. Type genus: *Autalia* Leach, 1819.

OPHIOGLOSSAE Fenyes, 1918: 18 [stem: *Ophiogloss-*]. Type genus: *Ophioglossa* Fauvel, 1866.

RHOPALOGASTRA Fenyes, 1918: 17 [stem: *Rhopalogastr-*]. Type genus: *Rhopalogastrum* Bernhauer, 1912.

Tribe CORDOBANINI Bernhauer, 1910

CORDOBANINI Bernhauer, 1910: 386 [stem: *Cordoban-*]. Type genus: *Cordobanus* Bernhauer, 1910.

Tribe COROTOCINI Fenyes, 1918

COROTOCINI Fenyes, 1918: 61 [stem: *Corotoc-*]. Type genus: *Corotoca* Schiødte, 1847.

Subtribe ABROTELINA Seevers, 1957

ABROTELINA Seevers, 1957: 121 [stem: *Abrotel-*]. Type genus: *Abroteles* Casey, 1889.

Subtribe COROTOCINA Fenyes, 1918

COROTOCINI Fenyes, 1918: 61 [stem: *Corotoc-*]. Type genus: *Corotoca* Schiødte, 1847.

TERMITOMIMINI Fenyes, 1921: 33 [stem: *Termitomim-*]. Type genus: *Termitomimus* Trägårdh, 1907.

Subtribe EBURNIOGASTRINA Jacobson, Kistner and Pasteels, 1986

EBURNIOGASTRINA Jacobson et al., 1986: 27 [stem: *Eburniogastr-*]. Type genus: *Eburniogaster* Seevers, 1938.

Subtribe NASUTITELLINA Jacobson, Kistner and Pasteels, 1986

NASUTITELLINA Jacobson et al., 1986: 95 [stem: *Nasutitell-*]. Type genus: *Nasutitella* Pasteels, 1967.

Subtribe SPHURIDAETHINA Pace, 1988

SPHURIDAETHINA Pace, 1988: 980 [stem: *Sphuridaeth-*]. Type genus: *Sphuridaethes* Pace, 1988.

Subtribe TERMITOCHARINA Seevers, 1957

TERMITOCHARINA Seevers, 1957: 64, in key [stem: *Termitochar-*]. Type genus: *Termitochara* Wasmann, 1893.

Subtribe TERMITOCUPIDINA Jacobson, Kistner and Pasteels, 1986

TERMITOCUPIDINA Jacobson et al., 1986: 35 [stem: *Termitocupid-*]. Type genus: *Termitocupidus* Jacobson et al., 1986.

Subtribe TERMITOGASTRINA Bernhauer and Scheerpeltz, 1926

TERMITOGASTRI Bernhauer and Scheerpeltz, 1926: 734 [stem: *Termitogastr-*]. Type genus: *Termitogaster* Casey, 1889.

TERMITELLICI Jacobson et al., 1986: 47 [stem: *Termitell-*]. Type genus: *Termitella* Wasmann, 1911. Comment: proposed as an infratribe, a rank not used here.

TERMITOGASTRICI Jacobson et al., 1986: 58 [stem: *Termitogastr-*]. Type genus: *Termitogaster* Casey, 1889. Comment: family-group name proposed as a new taxon, without reference to TERMITOGASTRI Bernhauer and Scheerpeltz, 1926; proposed as an infratribe, a rank not used here.

Subtribe TERMITOICEINA Jacobson, Kistner and Pasteels, 1986

TERMITOICEINA Jacobson et al., 1986: 84 [stem: *Termitoice-*]. Type genus: *Termitoiceus* Silvestri, 1901.

Subtribe TERMITOPITHINA Jacobson, Kistner and Pasteels, 1986

TERMITOPITHINA Jacobson et al., 1986: 80 [stem: *Termitopith-*]. Type genus: *Termitopithus* Seevers, 1957.

Subtribe TERMITOPTOCHINA Fenyès, 1921

TERMITOPTOCHINI Fenyès, 1921: 33 [stem: *Termitoptoch-*]. Type genus: *Termitoptochus* Silvestri, 1911.

TERMITOPTOCHINA Jacobson et al., 1986: 96 [stem: *Termitoptoch-*]. Type genus: *Termitoptochus* Silvestri, 1911. Comment: family-group name proposed as new without reference to TERMITOPTOCHINI Fenyes, 1921.

Subtribe TIMEPARTHENINA Fenyes, 1921

TIMEPARTHENINI Fenyes, 1921: 34 [stem: *Timeparthen-*]. Type genus: *Timeparthenus* Silvestri, 1901.

Tribe CREMATOXENINI Mann, 1921

CREMATOXENINI Mann, 1921: 547 [stem: *Crematoxen-*]. Type genus: *Crematoxenus* Mann, 1921.

PULICOMORPHINI Mann, 1924: 87 [stem: *Pulicomorph-*]. Type genus: *Pulicomorpha* Mann, 1924.

PHILACAMATINI Bruch, 1933b: 206 [stem: *Philacamat-*]. Type genus: *Philacamatus* Bruch, 1933.

Tribe CRYPTONOTOPSEINI Pace, 2003

CRYPTONOTOPSISINI Pace, 2003: 38 [stem: *Cryptonotopse-*]. Type genus: *Cryptonotopsis* Pace, 2003. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DEINOPSINI Sharp, 1883

DEINOPSINI Sharp, 1883: 294 [stem: *Deinops-*]. Type genus: *Deinopsis* A. Matthews, 1838. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Deinopse-*).

ADINOPSINI Cameron, 1919: 242 [stem: *Adinopse-*]. Type genus: *Adinopsis* Cameron, 1919. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DIESTOTINI Mulsant and Rey, 1871

DIESTOTATES Mulsant and Rey, 1871c: 96 [stem: *Diestot-*]. Type genus: *Diestota* Mulsant and Rey, 1870. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lohse (1989: 186, as DIESTOTINI), generally accepted as in Newton and Thayer (1992: 49, as DIESTOTINI).

ELACHISTARTHONINI Notman, 1920: 714 [stem: *Elachistarthr-*]. Type genus: *Elachistarthron* Notman, 1920 [syn. of *Diestota* Mulsant and Rey, 1870]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 49).

Tribe DIGLOTTINI Jakobson, 1909

DIGLOSSAIRES Mulsant and Rey, 1873a: 73 [stem: *Digloss-*]. Type genus: *Diglossa* Haliday, 1837 [preoccupied genus name, not *Diglossa* Wagler, 1832 [Aves]; syn. of *Diglotta* Champion, 1899]. Comment: original vernacular name avail-

able (Art. 11.7.2): first used in latinized form and generally accepted as in Ganglbauer (1895: 313, as DIGLOSSINI); permanently invalid (Art. 39): based on preoccupied type genus.

DIGLOTTINA Jakobson, 1909: 529 [stem: *Diglott-*]. Type genus: *Diglotta* Champion, 1899. Comment: published 4 March 1909; this family-group name was also used in the same year by Eichelbaum (1909 [before 26 December]: 204, as DIGLOTTINI).

Tribe DIGRAMMINI Fauvel, 1900

DIGRAMMINI Fauvel, 1900: 123 [stem: *Digramm-*]. Type genus: *Digrammus* Fauvel, 1900.

Tribe DORYLOGASTRINI Wasmann, 1916

DORYLOGASTRINI Wasmann, 1916a: 103 [stem: *Dorylogastr-*]. Type genus: *Dorylogaster* Wasmann, 1904.

Tribe DORYLOMIMINI Wasmann, 1916

DORYLOMIMINI Wasmann, 1916a: 99 [stem: *Dorylomim-*]. Type genus: *Dorylomimus* Wasmann, 1902.

Tribe DREPANOXENINI Kistner and Watson, 1972

DREPANOXENINI Kistner and Watson, 1972: 2 [stem: *Drepanoxen-*]. Type genus: *Drepanoxenus* Kistner and Watson, 1972.

Tribe ECITOCHARINI Seevers, 1965

ECITOCHARINI Seevers, 1965: 287 [stem: *Ecitochar-*]. Type genus: *Ecitochara* Wasmann, 1887.

Tribe ECITOGASTRINI Fenyès, 1918

ECITOGASTRINI Fenyès, 1918: 74 [stem: *Ecitogastr-*]. Type genus: *Ecitogaster* Wasmann, 1899.

Tribe EUSTENIAMORPHINI Bernhauer and Scheerpeltz, 1926

EUSTENIAMORPHINI Bernhauer and Scheerpeltz, 1926: 517 [stem: *Eusteniamorph-*]. Type genus: *Eusteniamorpha* Cameron, 1920.

Tribe FALAGRIINI Mulsant and Rey, 1873

FALAGRIATES Mulsant and Rey, 1873b: 8 [stem: *Falagri-*]. Type genus: *Falagria* Leach, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1874 [Gatt.]: 71, as FALAGRIINA), generally accepted as in Newton and Thayer (1992: 50, as FALAGRIINI).

Tribe FELDINI Kistner, 1972

*FELDINA Seevers, 1957: 236 [stem: *Feld-*]. Type genus: *Felda* Blackwelder, 1952.

Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

FELDINI Kistner, 1972: 2 [stem: *Feld-*]. Type genus: *Felda* Blackwelder, 1952.

Tribe GYMNUMSINI Heer, 1839

GYMNUMSIDA Heer, 1839a: 302 [stem: *Gymnus-*]. Type genus: *Gymnusa* Gravenhorst, 1806. Comment: this family-group name was also used in the same year by Heer (1839b: 49, as GYMNUMSIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

Tribe HIMALUSINI Klimaszewski, Pace and Center, 2010

HIMALUSINI Klimaszewski et al., 2010: 3 [stem: *Himalus-*]. Type genus: *Himalusa* Pace, 2006.

Tribe HOMALOTINI Heer, 1839

HOMALOTIDA Heer, 1839a: 305 [stem: *Homalot-*]. Type genus: *Homalota* Mannerheim, 1830.

Subtribe BOLITOCARINA Thomson, 1859

BOLITOCARIDES C. G. Thomson, 1859: 31 [stem: *Bolitochar-*]. Type genus: *Bolitochara* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1961a)]. Comment: First Revisers found (BOLITOCARINI C. G. Thomson, 1859 vs EURYUSINI C. G. Thomson, 1859) are Newton and Thayer (1992: 50); BOLITOCARINI C. G. Thomson, 1859 placed on the Official List of Family-Group Names in Zoology (ICZN 1961a); the original spelling BOLITOCARIDES C. G. Thomson, 1859 and several subsequent spellings of this name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1961a).

EURYUSIDES C. G. Thomson, 1859: 40 [stem: *Euryus-*]. Type genus: *Euryusa* Erichson, 1837.

SIPALIAE Casey, 1910: 167 [stem: *Sipali-*]. Type genus: *Sipalia* Mulsant and Rey, 1853 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 2005d)]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

HETEROTAE Fenyes, 1918: 18 [stem: *Heterot-*]. Type genus: *Heterota* Mulsant and Rey, 1873.

LEPTUSAE Fenyes, 1918: 18 [stem: *Leptus-*]. Type genus: *Leptusa* Kraatz, 1856 [placed on the Official List of Generic Names in Zoology (ICZN 2005d)].

NANOGLOSSAE Fenyes, 1918: 20 [stem: *Nanogloss-*]. Type genus: *Nanoglossa* Fauvel, 1868 [subgenus of *Leptusa* Kraatz, 1856].

DITROPALIINI Hatch, 1957: 134, in key, 147 [stem: *Ditropali*-]. Type genus: *Ditropalia* Casey, 1906 [syn. of *Bolitochara* Mannerheim, 1830]. Comment: this taxon was named correctly DITROPALIINI in the text on p. 147 but incorrect as BOLITOCHARINI in the key on p. 134.

Subtribe DINARDOPSINA Bernhauer and Scheerpeltz, 1926

DINARDOPSES Bernhauer and Scheerpeltz, 1926: 525, 804 [stem: *Dinardops*-].

Type genus: *Dinardopsis* Bruch, 1917. Comment: the erroneous spelling DINARDOPSIS was used in the catalogue on p. 525 but this was corrected to DINARDOPSES on page 804 of the same work; current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Dinardopse*-).

Subtribe GYROPHAENINA Kraatz, 1856

GYROPHAENINI Kraatz, 1856: 351 [stem: *Gyrophaen*-]. Type genus: *Gyrophaena* Mannerheim, 1830.

Subtribe HOMALOTINA Heer, 1839

HOMALOTIDA Heer, 1839a: 305 [stem: *Homalot*-]. Type genus: *Homalota* Mannerheim, 1830. Comment: this family-group name was also used in the same year by Heer (1839b: 50, as HOMALOTIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

THECTUROTAE Fenyès, 1918: 18 [stem: *Thecturot*-]. Type genus: *Thecturota* Casey, 1893.

*CYPHEAE Seevers, 1978: 272 [stem: *Cyphe*-]. Type genus: *Cyphea* Fauvel, 1863. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe SILUSINA Fenyès, 1918

SILUSAE Fenyès, 1918: 17 [stem: *Silus*-]. Type genus: *Silusa* Erichson, 1837.

Tribe HOPLANDRIINI Casey, 1910

HOPLANDRIAE Casey, 1910: 170 [stem: *Hoplandri*-]. Type genus: *Hoplandria* Kraatz, 1857.

Subtribe HOPLANDRIINA Casey, 1910

HOPLANDRIAE Casey, 1910: 170 [stem: *Hoplandri*-]. Type genus: *Hoplandria* Kraatz, 1857.

Subtribe PLATANDRIINA Hanley, 2002

PLATANDRIINA Hanley, 2002: 317 [stem: *Platandri*-]. Type genus: *Platandria* Casey, 1893.

Subtribe PSEUDOPLANDRIINA Hanley, 2002

PSEUDOPLANDRIINA Hanley, 2002: 317 [stem: *Pseudoplandri-*]. Type genus: *Pseudoplandria* Fenyes, 1921.

Tribe HYGRONOMINI Thomson, 1859

HYGRONOMIDES C. G. Thomson, 1859: 31 [stem: *Hygronom-*]. Type genus: *Hygronoma* Erichson, 1837.

Subtribe HYGRONOMINA Thomson, 1859

HYGRONOMIDES C. G. Thomson, 1859: 31 [stem: *Hygronom-*]. Type genus: *Hygronoma* Erichson, 1837.

Subtribe SAPHOGLOSSINA Bernhauer and Scheerpeltz, 1926

SAPHOGLOSSAE Bernhauer and Scheerpeltz, 1926: 521 [stem: *Saphogloss-*]. Type genus: *Saphoglossa* Sharp, 1883.

Tribe HYPOCYPHTINI Laporte, 1835

HYPOCYPHTIDAE Laporte, 1835a: 135 [stem: *Hypocypht-*]. Type genus: *Hypocyphtus* Gyllenhal, 1827 [syn. of *Cypha* Leach, 1819].

OLIGOTIDES C. G. Thomson, 1859: 30 [stem: *Oligot-*]. Type genus: *Oligota* Manerheim, 1830.

NEMATOSCELINI Fenyes, 1921: 33 [stem: *Nematoscelid-*]. Type genus: *Nematoscelis* Wolaston, 1867. Comment: incorrect original stem formation, not in prevailing usage.

*CYPHINAE Lohse, 1974: 7 [stem: *Cyph-*]. Type genus: *Cypha* Leach, 1819. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; also see CYPHINI Lacordaire, 1863 (type genus *Cyphus* Germar, 1824) in Coleoptera: CURCULIONIDAE.

Tribe LEUCOCRASPEDINI Fenyes, 1921

LEUCOCRASPEDINI Fenyes, 1921: 34 [stem: *Leucocrasped-*]. Type genus: *Leucocraspedum* Kraatz, 1859.

Tribe LIPAROCEPHALINI Fenyes, 1918

LIPAROCEPHALI Fenyes, 1918: 18 [stem: *Liparocephal-*]. Type genus: *Liparocephalus* Mäklin, 1853.

Tribe LOMECHUSINI Fleming, 1821

LOMECHUSIDAE Fleming, 1821: 49 [stem: *Lomechus-*]. Type genus: *Lomechusa* Gravenhorst, 1806.

Subtribe AENICTOBIINA Kistner, 1997

AENICTOBIINA Kistner, 1997: 174 [stem: *Aenictobi-*]. Type genus: *Aenictobia* SeEVERS, 1953.

Subtribe LOMECHUSINA Fleming, 1821

LOMECHUSIDAE Fleming, 1821: 49 [stem: *Lomechus*-.] Type genus: *Lomechusa* Gravenhorst, 1806.

XENODUSAE Seegers, 1978: 155 [stem: *Xenodus*-.] Type genus: *Xenodusa* Wasmann, 1894.

Subtribe MYRMEDONIINA Thomson, 1867

MYRMEDONIIDES C. G. Thomson, 1867: 209 [stem: *Myrmedoni*-.] Type genus: *Myrmedonia* Erichson, 1837 [syn. of *Zyras* Stephens, 1835].

*MYRMÉCIATES Mulsant and Rey, 1873b: 98 [stem: *Myrmoeci*-.] Type genus: *Myrmoecia* Mulsant and Rey, 1873. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

ZYRINI Bradley, 1930: 83 [stem: *Zyr*-.] Type genus: *Zyras* Stephens, 1835 [placed on the Official List of Generic Names in Zoology (ICZN 1961a)].

*ECITOPORAE Seegers, 1978: 13 [stem: *Ecitopor*-.] Type genus: *Ecitopora* Wasmann, 1887. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*TETRADONIAE Seegers, 1978: 13 [stem: *Tetradoni*-.] Type genus: *Tetradonia* Wasmann, 1894. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*DINOCORYNAE Seegers, 1978: 13 [stem: *Dinocoryn*-.] Type genus: *Dinocoryna* Casey, 1893. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe TERMITOZYRINA Seegers, 1957

TERMITOZYRINA Seegers, 1957: 62, in key [stem: *Termitozyr*-.] Type genus: *Termitozyras* Seegers, 1957.

Tribe MASURIINI Cameron, 1939

MASURIINI Cameron, 1939: 24 [stem: *Masuri*-.] Type genus: *Masuria* Cameron, 1928.

Tribe MESOPORINI Cameron, 1959

MESOPORINAE Cameron, 1959: 119 [stem: *Mesopor*-.] Type genus: *Mesoporus* Cameron, 1959.

Tribe MIMANOMMATINI Wasmann, 1912

MIMANOMMATINAE Wasmann, 1912: 478 [stem: *Mimanommat*-.] Type genus: *Mimanomma* Wasmann, 1912.

Subtribe DORYLOPHILINA Fenyes, 1921

DORYLOPHILINI Fenyes, 1921: 34 [stem: *Dorylophil-*]. Type genus: *Dorylophila* Wasmann, 1904.

DEREMINI Seevers, 1965: 294 [stem: *Derem-*]. Type genus: *Derema* Fauvel, 1899.

Subtribe MIMANOMMATINA Wasmann, 1912

MIMANOMMATINAE Wasmann, 1912: 478 [stem: *Mimanommat-*]. Type genus: *Mimanomma* Wasmann, 1912.

Tribe MIMECITINI Wasmann, 1917

MIMECITONINI Wasmann, 1917: 325 [stem: *Mimecit-*]. Type genus: *Mimeciton* Wasmann, 1893.

Subtribe LABIDOPULLINA Jacobson and Kistner, 1991

LABIDOPULLINA Jacobson and Kistner, 1991: 7 [stem: *Labidopull-*]. Type genus: *Labidopullus* Borgmeier, 1958.

Subtribe LEPTANILLOPHILINA Fenyes, 1918

LEPTANILLOPHILINI Fenyes, 1918: 59 [stem: *Leptanillophil-*]. Type genus: *Leptanillophilus* Holmgren, 1908.

Subtribe MIMECITINA Wasmann, 1917

MIMECITONINI Wasmann, 1917: 325 [stem: *Mimecit-*]. Type genus: *Mimeciton* Wasmann, 1893. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 52).

Subtribe MIMONILLINA Bernhauer and Scheerpeltz, 1926

MIMONILLAE Bernhauer and Scheerpeltz, 1926: 518 [stem: *Mimonill-*]. Type genus: *Mimonilla* Wasmann, 1913.

Tribe MYLLAENINI Ganglbauer, 1895

MYLLAENINI Ganglbauer, 1895: 317 [stem: *Myllaen-*]. Type genus: *Myllaena* Erichson, 1837.

DIMONOMERINI Cameron, 1933: 103 [stem: *Dimonomer-*]. Type genus: *Dimonomera* Cameron, 1933.

Tribe OXYPODINI Thomson, 1859

OXYPODIDES C. G. Thomson, 1859: 36 [stem: *Oxypod-*]. Type genus: *Oxypoda* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1957)]. Comment: First Revisers found (OXYPODINI C. G. Thomson, 1859 vs TACHYUSINI C. G. Thomson, 1859 vs OCALEINI C. G. Thomson, 1859 vs PHLOEOPORINI C. G. Thomson, 1859) are Newton and Thayer (1992:

53); name placed on the Official List of Family-Group Names in Zoology (ICZN 1957).

Subtribe APHYTOPODINA Bernhauer and Scheerpeltz, 1926

APHYTOPI Bernhauer and Scheerpeltz, 1926: 740 [stem: *Aphytopod*–]. Type genus: *Aphytopus* Sharp, 1886. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 53).

Subtribe BLEPHARHYMENINA Klimaszewski and Peck, 1986

*BLEPHARHYMENI Seevers, 1978: 82 [stem: *Blepharhymen*–]. Type genus: *Blepharhymenus* Solier, 1849. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

BLEPHARRHYMENI Klimaszewski and Peck, 1986: 58 [stem: *Blepharhymen*–]. Type genus: *Blepharhymenus* Solier, 1849 [as *Blepharrhymenus*, unjustified emendation of genus name by Gemminger and Harold (1868b: 505), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 53).

Subtribe DINARDINA Mulsant and Rey, 1873

DINARDAIRES Mulsant and Rey, 1873a: 6 [stem: *Dinard*–]. Type genus: *Dinarda* Leach, 1819. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Wasmann (1904a: 218, as DINARDINI), generally accepted as in Newton and Thayer (1992: 53, as DINARDINA).

*HOMÉUSATES Mulsant and Rey, 1874: 286 [stem: *Homoeus*–]. Type genus: *Homoeusa* Kraatz, 1856. Comment: original vernacular name unavailable (Art. 11.7.2); not subsequently latinized; incorrect original stem formation, not in prevailing usage.

DECUSINI Fenyes, 1918: 19 [stem: *Decus*–]. Type genus: *Decusa* Casey, 1900.

Subtribe MEOTICINA Seevers, 1978

MEOTICAE Seevers, 1978: 78 [stem: *Meotic*–]. Type genus: *Meotica* Mulsant and Rey, 1873.

Subtribe OXYPODINA Thomson, 1859

OXYPODIDES C. G. Thomson, 1859: 36 [stem: *Oxypod*–]. Type genus: *Oxypoda* Mannerheim, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1957)]. Comment: First Reviser (OXYPODINA C. G. Thomson, 1859 vs OCALEINA C. G. Thomson, 1859 vs PHLOEOPORINA C.

- G. Thomson, 1859) not determined, current usage maintained; placed on the Official List of Family-Group Names in Zoology (ICZN 1957).
- OCALÉIDES C. G. Thomson, 1859: 38 [stem: *Ocale-*]. Type genus: *Ocalea* Erichson, 1837.
- PHLOEOPORIDES C. G. Thomson, 1859: 33 [stem: *Phloeopor-*]. Type genus: *Phloeopora* Erichson, 1837.
- OCYUSATES Mulsant and Rey, 1874: 286 [stem: *Ocyus-*]. Type genus: *Ocyusa* Kraatz, 1856. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fenyès (1918: 20, as OCYUSAE), generally accepted as in Newton and Thayer (1992: 53, as OCYUSINA).
- CALODÉRATES Mulsant and Rey, 1874: 286 [stem: *Caloder-*]. Type genus: *Calodera* Mannerheim, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fenyès (1918: 20, as CALODERAE), generally accepted as in Ádám (2001:142, as CALODERINI).
- MICROGLOTTAE Fenyès, 1918: 20 [stem: *Microglott-*]. Type genus: *Microglotta* Kraatz, 1862 [syn. of *Haploglossa* Kraatz, 1856].
- PHLOEOPORINI Cameron, 1939: 562 [stem: *Phloeopor-*]. Type genus: *Phloeopora* Erichson, 1837. Comment: proposed as new without reference to PHLOEOPORIDES C. G. Thomson, 1859.

Subtribe TACHYUSINA Thomson, 1859

- TACHYUSIDES C. G. Thomson, 1859: 34 [stem: *Tachyus-*]. Type genus: *Tachyusa* Erichson, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1961b)].

Tribe OXYPODINI Fenyès, 1921

- OXYPODINI Fenyès, 1918: 18 [stem: *Oxypodin-*]. Type genus: *Oxypodinus* Bernhauer, 1901.
- HETEROTAXINI Fenyès, 1921: 33 [stem: *Heterotax-*]. Type genus: *Heterotaxus* Bernhauer, 1915.

Tribe PAGLINI Newton and Thayer, 1992

- PACHYGLOSSINI Fenyès, 1918: 60 [stem: *Pachygloss-*]. Type genus: *Pachyglossa* Fauvel, 1868 [preoccupied genus name, not *Pachyglossa* Hodgson, 1843 [Aves]; syn. of *Pagla* Blackwelder, 1952]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- PAGLINI Newton and Thayer, 1992: 54 [stem: *Pagl-*]. Type genus: *Pagla* Blackwelder, 1952. Comment: replacement name for PACHYGLOSSINI Fenyès, 1918 because of the homonymy of the type genus.

Tribe PARADOXENUSINI Bruch, 1937

- PARADOXENUSINI Bruch, 1937: 354 [stem: *Paradoxenus-*]. Type genus: *Paradoxenus* Bruch, 1937.

Tribe PEDICULOTINI Ádám, 1987

PEDICULOTINI Ádám, 1987: 156 [stem: *Pediculot-*]. Type genus: *Pediculota* Ádám, 1987.

Tribe PHILOTERMITINI Seevers, 1957

PHILOTERMITINI Seevers, 1957: 63, in key [stem: *Philotermit-*]. Type genus: *Philotermes* Kraatz, 1857.

Tribe PHYLLODINARDINI Wasmann, 1916

PHYLLODINARDINI Wasmann, 1916a: 105 [stem: *Phyllodinard-*]. Type genus: *Phyllodinarda* Wasmann, 1916.

Tribe PHYTOSINI Thomson, 1867

PHYTOSIDES C. G. Thomson, 1867: 206 [stem: *Phytos-*]. Type genus: *Phytosus* Curtis, 1838.

Tribe PLACUSINI Mulsant and Rey, 1871

PLACUSATES Mulsant and Rey, 1871c: 102 [stem: *Placus-*]. Type genus: *Placusa* Erichson, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fenyés (1918: 17, as PLACUSAE), generally accepted as in Newton and Thayer (1992: 54, as PLACUSINI).

*EUVIRAE Seevers, 1978: 272 [stem: *Euvir-*]. Type genus: *Euvira* Sharp, 1883. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe PRONOMAEINI Mulsant and Rey, 1873

PRONOMÉATES Mulsant and Rey, 1873b: 8 [stem: *Pronomae-*]. Type genus: *Pronomaea* Erichson, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1895: 315, as PRONOMAEINI), generally accepted as in Newton and Thayer (1992: 54, as PRONOMAEINI); incorrect original stem formation, not in prevailing usage.

Tribe PSEUDOPERINTHINI Cameron, 1939

PSEUDOPERINTHINAE Cameron, 1939: 1 [stem: *Pseudoperinth-*]. Type genus: *Pseudoperinthus* Wasmann, 1916.

Tribe PYGOSTENINI Fauvel, 1899

PYGOSTENINI Fauvel, 1899: 5 [stem: *Pygosten-*]. Type genus: *Pygostenus* Kraatz, 1858.

SYMPOLEMONINI Fenyés, 1918: 51 [stem: *Sympolemont-*]. Type genus: *Symplemon* Wasmann, 1900. Comment: incorrect original stem formation, not in prevailing usage.

Tribe SAHLBERGIINI Kistner, 1993

SAHLBERGIINI Kistner, 1993: 315 [stem: *Sahlbergi*-.] Type genus: *Sahlbergius* Bernhauer, 1927.

Tribe SCEPTOBIINI Seevers, 1978

SCEPTOBIINI Seevers, 1978: 148 [stem: *Sceptobi*-.] Type genus: *Sceptobius* Sharp, 1883.

Tribe SKATITOXENINI Kistner and Pasteels, 1969

SKATITOXENINI Kistner and Pasteels, 1969: 1190 [stem: *Skatitoxen*-.] Type genus: *Skatitoxenus* Kistner and Pasteels, 1969.

Tribe TERMITODISCINI Wasmann, 1904

TERMITODISCINI Wasmann, 1904b: 656 [stem: *Termitodisc*-.] Type genus: *Termitodiscus* Wasmann, 1899.

Subtribe ATHEXENIINA Pace, 2000

ATHEXENIINA Pace, 2000b: 336, in key [stem: *Athexeni*-.] Type genus: *Athexenia* Pace, 1999. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TERMITODISCINA Wasmann, 1904

TERMITODISCINI Wasmann, 1904b: 656 [stem: *Termitodisc*-.] Type genus: *Termitodiscus* Wasmann, 1899.

Tribe TERMITOHOSPITINI Seevers, 1941

TERMITOHOSPINI Seevers, 1941: 331 [stem: *Termitohospit*-.] Type genus: *Termitohospes* Seevers, 1941.

Subtribe HETAIROTERMITINA Seevers, 1957

HETAIROTERMITINA Seevers, 1957: 191 [stem: *Hetairotermit*-.] Type genus: *Hetairotermes* Cameron, 1920.

Subtribe TERMITOHOSPITINA Seevers, 1941

TERMITOHOSPINI Seevers, 1941: 331 [stem: *Termitohospit*-.] Type genus: *Termitohospes* Seevers, 1941. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Seevers (1957: 191).

Tribe TERMITONANNINI Fenyes, 1918

TERMITONANNINI Fenyes, 1918: 75 [stem: *Termitonann*-.] Type genus: *Termitonannus* Wasmann, 1902.

Subtribe PERINTHINA Bernhauer and Scheerpeltz, 1926

PERINTHI Bernhauer and Scheerpeltz, 1926: 521 [stem: *Perinth-*]. Type genus: *Perinthus* Casey, 1889.

*PODUROIDAE Scheerpeltz, 1934: 1537 [stem: *Poduroid-*]. Type genus: *Poduroides* Mann, 1926. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe TERMITONANNINA Fenyes, 1918

TERMITONANNINI Fenyes, 1918: 75 [stem: *Termitonann-*]. Type genus: *Termitonannus* Wasmann, 1902.

Tribe TERMITOPAEDIINI Seevers, 1957

TERMITOPAEDIINI Seevers, 1957: 214 [stem: *Termitopaedi-*]. Type genus: *Termitopaedia* Wasmann, 1911.

TERMITONDINA Seevers, 1957: 63, in key [stem: *Termitond-*]. Type genus: *Termitonda* Seevers, 1957. Comment: as *Termitendina*, name spelled correctly on page 238.

Tribe TERMITUSINI Fenyes, 1918

TERMITUSAE Fenyes, 1918: 18 [stem: *Termitus-*]. Type genus: *Termitusa* Wasmann, 1905.

Subtribe TERMITOSPECTRINA Seevers, 1957

TERMITOSPECTRINA Seevers, 1957: 191 [stem: *Termitospectr-*]. Type genus: *Termitospectrum* Mann, 1926.

Subtribe TERMITUSINA Fenyes, 1918

TERMITUSAE Fenyes, 1918: 18 [stem: *Termitus-*]. Type genus: *Termitusa* Wasmann, 1905.

Tribe TRICHOPSENIINI LeConte and Horn, 1883

TRICHOPSENI J. L. LeConte and G. H. Horn, 1883: 100 [stem: *Trichopseni-*]. Type genus: *Trichopsenius* G. H. Horn, 1877.

TERMITOPSENIINI Wasmann, 1916b: 196 [stem: *Termitopseni-*]. Type genus: *Termitopsenius* Wasmann, 1902. Comment: incorrect original stem formation, not in prevailing usage.

SCHIZELYTHRINAE Kemner, 1925: 122 [stem: *Schizelythr-*]. Type genus: *Schizelythron* Kemner, 1925.

Tribe TRILOBITIDEINI Fauvel, 1899

TRIOBITIDEIDAE Fauvel, 1899: 3 [stem: *Trilobitide-*]. Type genus: *Trilobitideus* Raffray, 1898.

Subfamily TRIGONURINAE Reiche, 1866

TRIGONURIDES Reiche, 1866: 642 [stem: *Trigonur-*]. Type genus: *Trigonurus* Mulsant, 1847.

Subfamily APATETICINAE Fauvel, 1895

APATETICAE Fauvel, 1895: 190 [stem: *Apatetic-*]. Type genus: *Apatetica* Westwood, 1848.

Subfamily SCAPHIDIINAE Latreille, 1806

SCAPHIDILIA Latreille, 1806: 3 [stem: *Scaphidi-*]. Type genus: *Scaphidium* A. G. Olivier, 1790.

Tribe CYPARIINI Achard, 1924

CYPARIINI Achard, 1924: 28 [stem: *Cypari-*]. Type genus: *Cyparium* Erichson, 1845.

Tribe SCAPHIDIINI Latreille, 1806

SCAPHIDILIA Latreille, 1806: 3 [stem: *Scaphidi-*]. Type genus: *Scaphidium* A. G. Olivier, 1790. Comment: incorrect original stem formation, not in prevailing usage.

CERAMBYCISCAPHINI Pic, 1915: 30 [stem: *Cerambyciscaph-*]. Type genus: *Cerambycscapha* Pic, 1915.

DIATELIITAE Achard, 1924: 28 [stem: *Diateli-*]. Type genus: *Diatelium* Pascoe, 1863.

Tribe SCAPHIINI Achard, 1924

SCAPHIITAE Achard, 1924: 27 [stem: *Scaphi-*]. Type genus: *Scaphium* Kirby, 1837.

Tribe SCAPHISOMATINI Casey, 1893

SCAPHISOMINI Casey, 1893: 511 [stem: *Scaphisomat-*]. Type genus: *Scaphisoma* Leach, 1815. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 64).

HETEROSCAPHINI Achard, 1914: 395 [stem: *Heteroscaph-*]. Type genus: *Heteroscapha* Achard, 1914 [syn. of *Bironium* Csiki, 1909].

CYPARELLINI Achard, 1924: 28 [stem: *Cyparell-*]. Type genus: *Cyparella* Achard, 1924 [syn. of *Baeocera* Erichson, 1845].

BAEOCERITAE Achard, 1924: 30 [stem: *Baeocer-*]. Type genus: *Baeocera* Erichson, 1845 [placed on the Official List of Generic Names in Zoology (ICZN 1982)].

SCIATROPHITAE Achard, 1924: 30 [stem: *Sciatroph-*]. Type genus: *Sciatrophes* Blackburn, 1903 [syn. of *Baeocera* Erichson, 1845].

BAEOCERIDIITAE Achard, 1924: 30 [stem: *Baeoceridi-*]. Type genus: *Baeoceridium* Reitter, 1889.

SCAPHICOMITAE Achard, 1924: 31 [stem: *Scaphicom*-.] Type genus: *Scaphicoma* Motschulsky, 1863.

TOXIDIINI Achard, 1924: 31 [stem: *Toxidi*-.] Type genus: *Toxidium* J. L. LeConte, 1860.

Subfamily PIESTINAE Erichson, 1839

PIESTINI Erichson, 1839b: 31 [stem: *Piest*-.] Type genus: *Piestus* Gravenhorst, 1806.

PROGNATHITES Blanchard, 1845a: 290 [stem: *Prognath*-.] Type genus: *Prognathus* Berthold, 1827 [as *Prognata*, incorrect subsequent spelling of type genus name not in prevailing usage; syn. of *Siagonium* Kirby and Spence, 1815]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Blanchard (1853: 54, as PROGNATHITAE).

*SIAGONIINI Crowson, 1980: 289 [stem: *Siagoni*-.] Type genus: *Siagonium* Kirby and Spence, 1815. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily OSORIINAE Erichson, 1839

OSORINI Erichson, 1839b: 30 [stem: *Osori*-.] Type genus: *Osorius* Latreille, 1829.

Tribe ELEUSININI Sharp, 1887

ELEUSININA Sharp, 1887: 728 [stem: *Eleusin*-.] Type genus: *Eleusis* Laporte, 1835.

Tribe LEPTOCHIRINI Sharp, 1887

LEPTOCHIRINA Sharp, 1887: 733 [stem: *Leptochir*-.] Type genus: *Leptochirus* Germar, 1824.

Tribe OSORIINI Erichson, 1839

OSORINI Erichson, 1839b: 30 [stem: *Osori*-.] Type genus: *Osorius* Latreille, 1829.

Subtribe OSORIINA Erichson, 1839

OSORINI Erichson, 1839b: 30 [stem: *Osori*-.] Type genus: *Osorius* Latreille, 1829. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by J. L. LeConte (1861: 68).

Subtribe PAROSORIINA Bernhauer and Schubert, 1911

PAROSORII Bernhauer and Schubert, 1911: 146 [stem: *Parosori*-.] Type genus: *Parosorius* Bernhauer, 1904.

Tribe THORACOPHORINI Reitter, 1909

THORACOPHORINAE Reitter, 1909: 199 [stem: *Thoracophor*-.] Type genus: *Thonacophorus* Motschulsky, 1837 [unjustified emendation of original type genus name *Thoraxophorus* by Erichson (1840a: 908); unjustified emendation in prevailing usage, treated as justified emendation (Art. 33.2.3.1)].

Subtribe CLAVILISPININA Newton and Thayer, 1992

PARALISPINI Blackwelder, 1942: 79 [stem: *Paralispin-*]. Type genus: *Paralispinus* Bernhauer, 1921 [preoccupied genus name, not *Paralispinus* Eichelbaum, 1913 [Coleoptera: STAPHYLINIDAE]; syn. of *Clavilispinus* Bernhauer, 1926]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CLAVILISPININA Newton and Thayer, 1992: 59 [stem: *Clavilispin-*]. Type genus: *Clavilispinus* Bernhauer, 1926. Comment: replacement name for PARALISPINI Blackwelder, 1942 because of the homonymy of the type genus.

Subtribe GLYPTOMINA Newton and Thayer, 1992

CALOCERI Blackwelder, 1942: 78 [stem: *Calocer-*]. Type genus: *Calocerus* Fauvel, 1891 [preoccupied genus name, not *Calocerus* J. L. LeConte, 1853 [Coleoptera: ELATERIDAE]; syn. of *Glyptoma* Erichson, 1839]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

GLYPTOMINA Newton and Thayer, 1992: 59 [stem: *Glyptom-*]. Type genus: *Glyptoma* Erichson, 1839. Comment: replacement name for CALOCERI Blackwelder, 1942 because of the homonymy of the type genus; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Glyptomat-*).

Subtribe LISPININA Bernhauer and Schubert, 1910

LISPINI Bernhauer and Schubert, 1910: 19 [stem: *Lispin-*]. Type genus: *Lispinus* Erichson, 1839.

Subtribe THORACOPHORINA Reitter, 1909

THORACOPHORINAE Reitter, 1909: 199 [stem: *Thoracophor-*]. Type genus: *Thoracophorus* Motschulsky, 1837 [unjustified emendation of original type genus name *Thoraxophorus* by Erichson (1840a: 908); unjustified emendation in prevailing usage, treated as justified emendation (Art. 33.2.3.1)]. Comment: based on corrected spelling of type genus.

Subfamily OXYTELINAE Fleming, 1821

OXYTELIDAE Fleming, 1821: 49 [stem: *Oxytel-*]. Type genus: *Oxytelus* Gravenhorst, 1802.

Tribe BLEDIINI Ádám, 2001

BLEDIINI Ádám, 2001: 216 [stem: *Bledi-*]. Type genus: *Bledius* Leach, 1819.

Tribe COPROPHILINI Heer, 1839

COPROPHILINA Heer, 1839a: 198 [stem: *Coprophil-*]. Type genus: *Coprophilus* Latreille, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1993a)]. Comment: this family-group name was also used in the same year by

Erichson (1839b: 30, as COPROPHILINI) and Heer (1839b: 13, as COPROPHILIDA); for comments about the priority of these works see Newton and Thayer (1992: 24).

*HOMALOTRIQUITOS Solier, 1849: 321 [stem: *Homalotrich-*]. Type genus: *Homalotrichus* Solier, 1849. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

TOXODERI Bernhauer and Schubert, 1911: 91 [stem: *Toxoder-*]. Type genus: *Toxoderus* Fauvel, 1900 [syn. of *Homalotrichus* Solier, 1849]. Comment: junior homonym of TOXODERINI Saussure, 1869 (type genus *Toxodera* Audinet-Serville, 1837) in Mantodea: MANTIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe EUPHANIINI Reitter, 1909

*PHOLIDIENS Mulsant and Rey, 1876: 209 [stem: *Pholid-*]. Type genus: *Pholidus* Mulsant and Rey, 1856 [preoccupied genus name, not *Pholidus* Rafinesque, 1815 [Pisces], or *Pholidus* Gray, 1840 [Aves]; syn. of *Euphania*s Fairmaire and Laboulbène, 1856]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1876).

PHOLIDINI Acloque, 1896: 145 [stem: *Pholid-*]. Type genus: *Pholidus* Mulsant and Rey, 1856 [preoccupied genus name, not *Pholidus* Rafinesque, 1815 [Pisces], or *Pholidus* Gray, 1840 [Aves]; syn. of *Euphania*s Fairmaire and Laboulbène, 1856]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUPHANIAE Reitter, 1909: 16 [stem: *Euphani-*]. Type genus: *Euphania*s Fairmaire and Laboulbène, 1856. Comment: precedence (EUPHANIINI Reitter, 1909 vs DELEASTERINI Reitter, 1909) given to taxon originally proposed at the higher rank (Art. 24.1).

DELEASTERINI Reitter, 1909: 164 [stem: *Deleaster-*]. Type genus: *Deleaster* Erichson, 1839.

SYNTOMIINAE Böving and Craighead, 1931: 28 [stem: *Syntomi-*]. Type genus: *Syntomium* Curtis, 1828.

Tribe OXYTELINI Fleming, 1821

OXYTELIDAE Fleming, 1821: 49 [stem: *Oxytel-*]. Type genus: *Oxytelus* Gravenhorst, 1802.

THINOBIIDES J. Sahlberg, 1876: 242 [stem: *Thinobi-*]. Type genus: *Thinobius* Kiesenwetter, 1844.

TROGOPHLEAIRES Mulsant and Rey, 1878b: 688 [stem: *Trogophloe-*]. Type genus: *Trogophloeus* Mannerheim, 1830 [syn. of *Carpelimus* Leach, 1819]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 90, as TROGOPHLOEINA), generally accepted as in

Johansen (1914: 533, as TROGOPHLOEINA); incorrect original stem formation, not in prevailing usage.

APOCELLARIA Lynch Arribálzaga, 1884: 344 [stem: *Apocell-*]. Type genus: *Apocellus* Erichson, 1839.

ECITOCCLIMACINI Borgmeier, 1934: 452 [stem: *Ecitoclimac-*]. Type genus: *Ecitoclimac* Borgmeier, 1934. Comment: originally proposed as a tribe of ALEOCHARINAE.

TORRENTOMI Bierig, 1934: 213 [stem: *Torrentom-*]. Type genus: *Torrentomus* Bierig, 1934 [syn. of *Thinobius* Kiesenwetter, 1844].

TRIGONOBREGMINI Scheerpeltz, 1944: 170, in key [stem: *Trigonobregmat-*]. Type genus: *Trigonobregma* Scheerpeltz, 1944. Comment: incorrect original stem formation, not in prevailing usage; placement following Herman (2001).

CARPELIMINI Hatch, 1957: 85, in key [stem: *Carpelim-*]. Type genus: *Carpelimus* Leach, 1819.

*THINODROMINI Gildenkov, 2000: 56 [stem: *Thinodrom-*]. Type genus: *Thinodromus* Kraatz, 1858. Comment: name unavailable (Art. 16.1): name not indicated as intentionally new.

APLODERINI Ádám, 2001: 218 [stem: *Aploder-*]. Type genus: *Aploderus* Stephens, 1834.

Tribe PLANEUSTOMINI Jacquelin du Val, 1857

PLANEUSTOMITES Jacquelin du Val, 1857a: 58 [stem: *Planeustom-*]. Type genus: *Planeustomus* Jacquelin du Val, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ádám (2001: 208, as PLANEUSTOMINI).

ACROGNATHINI Reitter, 1909: 164 [stem: *Acrognath-*]. Type genus: *Acrognathus* Erichson, 1839 [preoccupied genus name, not *Acrognathus* Agassiz, 1836 [Pisces]; syn. of *Manda* Blackwelder, 1952]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MANDINI Gildenkov, 2003: 35 [stem: *Mand-*]. Type genus: *Manda* Blackwelder, 1952. Comment: replacement name for ACROGNATHINI Reitter, 1909 because of the homonymy of the type genus.

Subfamily OXYPORINAE Fleming, 1821

OXYPORIDAE Fleming, 1821: 49 [stem: *Oxypor-*]. Type genus: *Oxyporus* Fabricius, 1775.

Subfamily MEGALOPSIDIINAE Leng, 1920

MEGALOPINI Erichson, 1839b: 30 [stem: *Megalop-*]. Type genus: *Megalops* Erichson, 1839 [preoccupied genus name, not *Megalops* Lacépède, 1803 [Pisces], not *Megalops* Rafinesque, 1815 [Pisces]; syn. of *Megalopinus* Eichelbaum, 1915]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MEGALOPSIDIINI Leng, 1920: 98 [stem: *Megalopsidi-*]. Type genus: *Megalopsidia* Leng, 1918 [syn. of *Megalopinus* Eichelbaum, 1915].

AULACOTRACHELINAE L. Benick, 1920: 1 [stem: *Aulacotrachel-*]. Type genus: *Aulacotrachelus* Benick, 1920 [syn. of *Megalopinus* Eichelbaum, 1915]. Comment: replacement name for MEGALOPINAE Erichson, 1839 because of the homonymy of the type genus.

STYLOPODINAE Blackwelder, 1943: 202 [stem: *Stylopod-*]. Type genus: *Stylopodus* Benick, 1917 [syn. of *Megalopinus* Eichelbaum, 1915]. Comment: name proposed to replace MEGALOPINAE Erichson, 1839 and MEGALOPSIDIINAE Leng, 1920 because of the synonymy of the type genus.

*MEGALOPININAE Puthz, 1967: 192 [stem: *Megalopin-*]. Type genus: *Megalopinus* Eichelbaum, 1915. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

MEGALOPININAE Naomi, 1986: 344 [stem: *Megalopin-*]. Type genus: *Megalopinus* Eichelbaum, 1915. Comment: name proposed to replace MEGALOPINAE Erichson, 1839 and MEGALOPSIDIINAE Leng, 1920 because of the synonymy of the type genus.

Subfamily SCYDMAENINAE Leach, 1815

SCYDMAENIDES Leach, 1815: 92 [stem: *Scydmaen-*]. Type genus: *Scydmaenus* Latreille, 1802. Comment: placement follows Grebennikov and Newton (2009).

†Supertribe HAPSOMELITAE Poinar and Brown, 2004

HAPSOMELINAE Poinar and Brown, 2004: 790 [stem: *Hapsomel-*]. Type genus: *Hapsomela* Poinar and Brown, 2004.

Supertribe MASTIGITAE Fleming, 1821

MASTIGOIDAE Fleming, 1821: 49 [stem: *Mastig-*]. Type genus: *Mastigus* Latreille, 1802. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CLIDICINI Casey, 1897

CLIDICINI Casey, 1897: 541 [stem: *Clidic-*]. Type genus: *Clidicus* Laporte, 1833.

Tribe LEPTOMASTACINI Casey, 1897

LEPTOMASTACINI Casey, 1897: 541 [stem: *Leptomastac-*]. Type genus: *Leptomastax* Pirazzoli, 1855.

Tribe MASTIGINI Fleming, 1821

MASTIGOIDAE Fleming, 1821: 49 [stem: *Mastig-*]. Type genus: *Mastigus* Latreille, 1802. Comment: incorrect original stem formation, not in prevailing usage.

Supertribe SCYDMAENITAE Leach, 1815

SCYDMAENIDES Leach, 1815: 92 [stem: *Scydmaen-*]. Type genus: *Scydmaenus* Latreille, 1802.

Tribe CEPHENNIINI Reitter, 1882

CEPHENNIINI Reitter, 1882c: 142 [stem: *Cephenni-*]. Type genus: *Cephennium* Müller and Kunze, 1822.

ANISOSPHERIDAE Tömösváry, 1883: 128 [stem: *Anisospaer-*]. Type genus: *Anisospaera* Tömösváry, 1883 [syn. of *Cephennium* Müller and Kunze, 1822].

Comment: family-group name originally based on larva only.

Tribe CHEVOLATIINI Reitter, 1882

CHEVOLATINI Reitter, 1882c: 142 [stem: *Chevolati-*]. Type genus: *Chevolatia* Jacquelin du Val, 1859. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CYRTOSCYDMINI Schaufuss, 1889

CYRTOSCYDMINI L. W. Schaufuss, 1889: 2 [stem: *Cyrtoscydm-*]. Type genus: *Cyrtoscydmus* Motschulsky, 1869 [syn. of *Stenichnus* C. G. Thomson, 1859].

GLANDULARIIDAE L. W. Schaufuss, 1889: 3 [stem: *Glandulari-*]. Type genus: *Glandularia* L. W. Schaufuss, 1889 [syn. of *Euconnus* (Napochus) C. G. Thomson, 1859].

EUCONNINI Casey, 1897: 354 [stem: *Euconn-*]. Type genus: *Euconnus* C. G. Thomson, 1859.

OPRESINI Casey, 1897: 354 [stem: *Opres-*]. Type genus: *Opresus* Casey, 1897 [syn. of *Microscydmus* Saulcy and Croissandeau, 1893].

LOPHIODERINI Casey, 1897: 356 [stem: *Lophioder-*]. Type genus: *Lophioderus* Casey, 1897.

STENICHNINI Ganglbauer, 1898: 25 [stem: *Stenichn-*]. Type genus: *Stenichnus* C. G. Thomson, 1859.

NEURAPHINI Csiki, 1909b: 18 [stem: *Neuraph-*]. Type genus: *Neuraphes* C. G. Thomson, 1859 [this name is an incorrect subsequent spelling of *Nevraphes*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].

SYNDICINI Csiki, 1919: 17 [stem: *Syndic-*]. Type genus: *Syndicus* Motschulsky, 1851.

SCIACHARINI Csiki, 1919: 69 [stem: *Sciacharit-*]. Type genus: *Sciacharis* Broun, 1893. Comment: incorrect original stem formation, not in prevailing usage.

SIAMITINI H. Franz, 1989: 44 [stem: *Siamit-*]. Type genus: *Siamites* Franz, 1989.

Tribe EUTHEIINI Casey, 1897

EUTHEIINI Casey, 1897: 507 [stem: *Euthei-*]. Type genus: *Eutheia* Stephens, 1830.

ASCYDMINI Casey, 1897: 355 [stem: *Ascydm-*]. Type genus: *Ascydmus* Casey, 1897 [syn. of *Euthiconus* Reitter, 1882].

Tribe LEPTOSCYDMINI Casey, 1897

LEPTOSCYDMINI Casey, 1897: 355 [stem: *Leptoscydm-*]. Type genus: *Leptoscydmus* Casey, 1897.

Tribe PLAUMANNIOLINI Costa Lima, 1962

PLAUMANNIOLINAE Costa Lima, 1962: 415 [stem: *Plaumanniol*-.] Type genus: *Plaumanniola* Costa Lima, 1962. Comment: originally proposed as a subfamily of PTINIDAE.

Tribe SCYDMAENINI Leach, 1815

SCYDMAENIDES Leach, 1815: 92 [stem: *Scydmaen*-.] Type genus: *Scydmaenus* Latreille, 1802.

EUMICRINI Reitter, 1882c: 192 [stem: *Eumicr*-.] Type genus: *Eumicrus* Laporte, 1833 [syn. of *Scydmaenus* Latreille, 1802].

Subfamily STENINAE MacLeay, 1825

STENIDAE W. S. MacLeay, 1825: 49 [stem: *Sten*-.] Type genus: *Stenus* Latreille, 1797. Comment: the younger name STENINAE Fraser and Purves, 1960 (type genus *Steno* Gray, 1846) in Mammalia: DELPHINIDAE is unavailable according to Newton and Thayer (1992: 66).

Subfamily EUAESTHETINAE Thomson, 1859

EUAESTHETINA C. G. Thomson, 1859: 42 [stem: *Euaesthet*-.] Type genus: *Euaesthetus* Gravenhorst, 1806.

Tribe ALZADAESTHETINI Scheerpeltz, 1974

ALZADAESTHETINI Scheerpeltz, 1974: 102, in key [stem: *Alzadaesthet*-.] Type genus: *Alzadaesthetus* Kistner, 1961.

Tribe AUSTRÖESTHETINI Cameron, 1944

AUSTROAESTHETINI Cameron, 1944: 69 [stem: *Austroesthet*-.] Type genus: *Austroesthetus* Oke, 1933 [as *Austroaesthetus*, unjustified emendation of genus name not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe EUAESTHETINI Thomson, 1859

EUAESTHETINA C. G. Thomson, 1859: 42 [stem: *Euaesthet*-.] Type genus: *Euaesthetus* Gravenhorst, 1806.

TAMOTINI Coiffait, 1984: 353 [stem: *Tamot*-.] Type genus: *Tamotus* L. W. Schaufuss, 1872.

Tribe FENDERIINI Scheerpeltz, 1974

FENDERIINI Scheerpeltz, 1974: 103, in key [stem: *Fenderi*-.] Type genus: *Fenderia* Hatch, 1957.

Tribe NORDENSKIOLDIINI Bernhauer and Schubert, 1911

NORDENSKIOLDIINI Bernhauer and Schubert, 1911: 186 [stem: *Nordenskioldi*-].

Type genus: *Nordenskioldia* Sahlberg, 1880 [as *Nordenskioldia*, incorrect subsequent spelling of genus name not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage (see Newton and Thayer 1992: 56).

Tribe STENAESTHETINI Bernhauer and Schubert, 1911

STENAESTHETINI Bernhauer and Schubert, 1911: 186 [stem: *Stenaesthet*-]. Type genus: *Stenaesthetus* Sharp, 1874.

Subfamily SOLIERIINAE Newton and Thayer, 1992

FISOGNATTOS Solier, 1849: 303 [stem: *Physognath*-]. Type genus: *Physognathus* Solier, 1849 [preoccupied genus name, not *Physognathus* Agassiz, 1846 [Reptilia]; syn. of *Solierius* Bernhauer, 1921]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Kraatz (1859b: 3, as *PHYSOGNATHITES* [treated as Latin]); permanently invalid (Art. 39): based on preoccupied type genus.

SOLIERIINAE Newton and Thayer, 1992: 27 [stem: *Solieri*-]. Type genus: *Solierius* Bernhauer, 1921. Comment: replacement name for *PHYSOGNATHINAE* Solier, 1849 because of the homonymy of the type genus.

Subfamily LEPTOTYPHLINAE Fauvel, 1874

LEPTOTYPHLI Fauvel, 1874: 35 [stem: *Leptotyphl*-]. Type genus: *Leptotyphlus* Fauvel, 1874.

Tribe CEPHALOTYPHLINI Coiffait, 1963

CEPHALOTYPHLINI Coiffait, 1963: 380, in key [stem: *Cephalotyphl*-]. Type genus: *Cephalotyphlus* Coiffait, 1955.

Tribe ENTOMOCULIINI Coiffait, 1957

ENTOMOCULINI Coiffait, 1957: 61 [stem: *Entomoculi*-]. Type genus: *Entomoculia* Croissandeau, 1891. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 56).

Tribe LEPTOTYPHLINI Fauvel, 1874

LEPTOTYPHLI Fauvel, 1874: 35 [stem: *Leptotyphl*-]. Type genus: *Leptotyphlus* Fauvel, 1874.

LEPTOTYPHLINI Coiffait, 1957: 61 [stem: *Leptotyphl*-]. Type genus: *Leptotyphlus* Fauvel, 1874. Comment: family-group name proposed as new without reference to LEPTOTYPHLI Fauvel, 1874.

Tribe METROTYPHLINI Coiffait, 1963

METROTYPHLINI Coiffait, 1963: 381 [stem: *Metrotyphl*-.] Type genus: *Metrotyphlus* Coiffait, 1959.

Tribe NEOTYPHLINI Coiffait, 1963

NEOTYPHLINI Coiffait, 1963: 381, in key [stem: *Neotyphl*-.] Type genus: *Neotyphlus* Coiffait, 1959.

Subfamily PSEUDOPSINAE Ganglbauer, 1895

PSEUDOPSINI Ganglbauer, 1895: 690 [stem: *Pseudops*-.] Type genus: *Pseudopsis* Newman, 1834. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Pseudopse*-).

Subfamily PAEDERINAE Fleming, 1821

POEDERIDAE Fleming, 1821: 49 [stem: *Paeder*-.] Type genus: *Paederus* Fabricius, 1775.

Tribe PAEDERINI Fleming, 1821

POEDERIDAE Fleming, 1821: 49 [stem: *Paeder*-.] Type genus: *Paederus* Fabricius, 1775.

Subtribe ASTENINA Hatch, 1957

SUNIINA Sharp, 1886b: 591 [stem: *Suni*-.] Type genus: *Sunius* sensu Erichson, 1839 [not *Sunius* Stephens, 1829; syn. of *Astenus* Dejean, 1833]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

ASTENINA Hatch, 1957: 151, in key [stem: *Asten*-.] Type genus: *Astenus* Dejean, 1833. Comment: although this is not the oldest name for the subtribe, we recommend that an application be submitted to the Commission to suppress SUNIINA Sharp, 1886 because it is based on a misidentified type genus (Art. 65.2.1).

Subtribe CRYPTOBIINA Casey, 1905

CRYPTOBIA Casey, 1905: 21 [stem: *Cryptobi*-.] Type genus: *Cryptobium* Mannerheim, 1830 [syn. of *Ochtheophilum* Stephens, 1829]. Comment: the younger name CRYPTOBIINAE Hollande, 1952 (type genus *Cryptobia* Leidy, 1846) in Protozoa: BODONIDAE is unavailable (see Newton and Thayer 1992: 61).

CRYPTOBIINA Bordoni, 1975: 420 [stem: *Cryptobi*-.] Type genus: *Cryptobium* Mannerheim, 1830 [syn. of *Ochtheophilum* Stephens, 1829]. Comment: family-group name proposed as new without reference to CRYPTOBIA Casey, 1905.

Subtribe CYLINDROXYSTINA Bierig, 1943

CYLINDROXYSTINI Bierig, 1943: 158 [stem: *Cylindroxyst-*]. Type genus: *Cylindroxystus* Bierig, 1943.

Subtribe DOLICAONINA Casey, 1905

GNATIMENITOS Solier, 1849: 326 [stem: *Gnathymen-*]. Type genus: *Gnathymenus* Solier, 1849. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ádám (2001: 115, as GNATHYMENINI); incorrect original stem formation, not in prevailing usage; this name was treated as unavailable by Newton and Thayer (1992: 61) which led to their use of DOLICAONINA Casey, 1905 as the valid name for this subtribe; all subsequent authors have followed Newton and Thayer (1992: 61) except for the subsequent use of "GNATHYMENINI (Solier, 1849)" as valid by Ádám (2001: 115) which made Solier's name available according to our criteria of availability for names originally proposed in vernacular form; here we continue to use DOLICAONINA Casey, 1905 as the valid name for this subtribe and recommend that an application be submitted to the Commission to suppress the name GNATHYMENINA Solier, 1849.

DOLICAONES Casey, 1905: 56 [stem: *Dolicaon-*]. Type genus: *Dolicaon* Laporte, 1835. Comment: see comments under the name GNATIMENITOS Solier, 1849 above.

LEPTOBII Bordoni, 1980: 170 [stem: *Leptobi-*]. Type genus: *Leptobium* Casey, 1905. Comment: unnecessary replacement name for "DOLICAINA Bordoni, 1975".

Subtribe ECHIASTERINA Casey, 1905

ECHIASTERES Casey, 1905: 245 [stem: *Echiaster-*]. Type genus: *Echiaster* Erichson, 1839.

Subtribe LATHROBIINA Laporte, 1835

LATHROBIDAE Laporte, 1835a: 117 [stem: *Lathrobi-*]. Type genus: *Lathrobium* Gravenhorst, 1802. Comment: incorrect original stem formation, not in prevailing usage.

SPHAERONIA Casey, 1905: 54 [stem: *Sphaeron-*]. Type genus: *Sphaeronum* Sharp, 1876 [as *Sphaeronium*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe LITHOCHARINA Casey, 1905

LITHOCHARES Casey, 1905: 146 [stem: *Lithochar-*]. Type genus: *Lithocharis* Dejean, 1833. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Lithocharit-*).

LITHOCHARINA Bordoni, 1974: 324 [stem: *Lithochar-*]. Type genus: *Lithocharis* Dejean, 1833. Comment: family-group name proposed as new without reference to LITHOCHARES Casey, 1905.

Subtribe MEDONINA Casey, 1905

MEDONES Casey, 1905: 20 [stem: *Medon-*]. Type genus: *Medon* Stephens, 1833. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Medont-*).

MEDINA Bordoni, 1975: 420 [stem: *Medon-*]. Type genus: *Medon* Stephens, 1833. Comment: family-group name proposed as new without reference to MEDONES Casey, 1905; incorrect original stem formation, not in prevailing usage (should be *Medont-*).

ACANTHOGLOSSI Coiffait, 1982: 10 [stem: *Acanthogloss-*]. Type genus: *Acanthoglossa* Kraatz, 1859.

Subtribe PAEDERINA Fleming, 1821

POEDERIDAE Fleming, 1821: 49 [stem: *Paeder-*]. Type genus: *Paederus* Fabricius, 1775 [as *Poederus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage, see comments in Newton and Thayer (1992: 60).

GEOPAEDERIDAE Gistel, 1848: [13] [stem: *Geopaeder-*]. Type genus: *Geopaederus* Gistel, 1848 [syn. of *Paederus* Fabricius, 1775].

Subtribe SCOPAEINA Mulsant and Rey, 1878

*POLIODONTIDOS Solier, 1849: 303 [stem: *Polyodont-*]. Type genus: *Polyodontus* Solier, 1849 [preoccupied genus name, not *Polyodontus* Eysenhardt, 1818 [Vermes]; syn. of *Scopaeus* Erichson, 1839]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; POLYDONTIDAE Bonaparte, 1838 (type genus *Polyodon* Lacépède, 1797) is available in Pisces; incorrect original stem formation, not in prevailing usage.

SCOPÉATES Mulsant and Rey, 1878a: 178 [stem: *Scopae-*]. Type genus: *Scopaeus* Erichson, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 92, as SCOPAEINA), generally accepted as in Newton and Thayer (1992: 62, as SCOPAEINA); incorrect original stem formation, not in prevailing usage.

Subtribe STILICINA Casey, 1905

STILICI Casey, 1905: 218 [stem: *Stilic-*]. Type genus: *Stilicus* Berthold, 1827 [syn. of *Rugilus* Leach, 1819].

RUGILINA Hatch, 1957: 151, in key [stem: *Rugil-*]. Type genus: *Rugilus* Leach, 1819.

Subtribe STILICOPSINA Casey, 1905

STILICOPSES Casey, 1905: 230 [stem: *Stilicops-*]. Type genus: *Stilicopsis* Sachse, 1852. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Stilicopse-*).

XENASTERES Bierig, 1939: 179 [stem: *Xenaster-*]. Type genus: *Xenaster* Bierig, 1939 [preoccupied genus name, not *Xenaster* Simonwitsch, 1871 [Echinodermata]; the nomenclatural status of *Xenaster* will be addressed in the near future by L. Herman (pers. comm. 2010) therefore we refrain from proposing a new replacement name here]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

*STAMNODERES Blackwelder, 1944: 126 [stem: *Stamnoder-*]. Type genus: *Stamnoderus* Sharp, 1886. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe PINOPHILINI Nordmann, 1837

PINOPHILINIFORMES Nordmann, 1837: 6 [stem: *Pinophil-*]. Type genus: *Pinophilus* Gravenhorst, 1802.

Subtribe PINOPHILINA Nordmann, 1837

PINOPHILINIFORMES Nordmann, 1837: 6 [stem: *Pinophil-*]. Type genus: *Pinoophilus* Gravenhorst, 1802.

Subtribe PROCIRRINA Bernhauer and Schubert, 1912

PROCIRRI Bernhauer and Schubert, 1912: 197 [stem: *Procirr-*]. Type genus: *Procirrus* Latreille, 1829.

Subfamily STAPHYLININAE Latreille, 1802

STAPHYLININAE Latreille, 1802: 124 [stem: *Staphylin-*]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)].

Tribe ARROWININI Solodovnikov and Newton, 2005

ARROWININI Solodovnikov and Newton, 2005: 420 [stem: *Arrowin-*]. Type genus: *Arrowinus* Bernhauer, 1935.

Tribe DIOCHINI Casey, 1906

DIOCHI Casey, 1906: 429 [stem: *Diobch-*]. Type genus: *Diobchus* Erichson, 1839.

DIOCHINAE I. Moore, 1964: 86, in key [stem: *Diobch-*]. Type genus: *Diobchus* Erichson, 1839. Comment: family-group name proposed as new without reference to DIOCHI Casey, 1906.

Tribe MAOROTHIINI Assing, 2000

MAOROTHIINI Assing, 2000: 16 [stem: *Maorothi*-.] Type genus: *Maorothius* Assing, 2000.

Tribe OTHIINI Thomson, 1859

OTHIIDES C. G. Thomson, 1859: 26 [stem: *Othi*-.] Type genus: *Othius* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1983c)].

ATRECINI Hatch, 1957: 172, in key [stem: *Atrec*-.] Type genus: *Atrecus* Jacquelin du Val, 1856.

Tribe PLATYPROSOPINI Lynch Arribálzaga, 1884

PLATYPROSOPARIA Lynch Arribálzaga, 1884: 165 [stem: *Platyprosop*-.] Type genus: *Platyprosopus* Mannerheim, 1830.

PLATYPROSOPINAE I. Moore, 1964: 86, in key [stem: *Platyprosop*-.] Type genus: *Platyprosopus* Mannerheim, 1830. Comment: family-group name proposed as new without reference to PLATYPROSOPINAE Lynch Arribálzaga, 1884.

Tribe STAPHYLININI Latreille, 1802

STAPHYLINIAE Latreille, 1802: 124 [stem: *Staphylin*-.] Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: placed on the Official List of Family-Group Names in Zoology (as STAPHYLINIDAE Latreille, [1803-1804]) (ICZN 1959a).

Subtribe AMBLYOPININA Seevers, 1944

AMBLYOPININAE Seevers, 1944: 157 [stem: *Amblyopin*-.] Type genus: *Amblyopinus* Solsky, 1875.

HETEROTHOPSI Coiffait, 1978: 300 [stem: *Heterothop*-.] Type genus: *Heterothops* Stephens, 1829. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 65); placement based on Chatzimanolis et al. (2010).

Subtribe ANISOLININA Hayashi, 1993

ANISOLININA Hayashi, 1993: 288 [stem: *Anisolin*-.] Type genus: *Anisolinus* Sharp, 1889. Comment: originally proposed as a subtribe of PHILONTHINI Kirby, 1837.

Subtribe EUCIBDELINA Sharp, 1889

EUCIBDELINI Sharp, 1889: 112 [stem: *Eucibdel*-.] Type genus: *Eucibdelus* Kraatz, 1859.

Subtribe HYPTIOMINA Casey, 1906

HYPTIOMAE Casey, 1906: 361 [stem: *Hyptiom*-.] Type genus: *Hyptioma* Casey, 1906 [syn. of *Holisus* Erichson, 1839]. Comment: current spelling main-

tained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Hyptiomat*-).

- ***HOLISI** Blackwelder, 1944: 143 [stem: *Holis*-]. Type genus: *Holisus* Erichson, 1839. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

HOLISINA Newton, 1988: 259 [stem: *Holis*-]. Type genus: *Holisus* Erichson, 1839.

Subtribe PHILONTHINA Kirby, 1837

PHILONTHIDAE Kirby, 1837: 91 [stem: *Philonth*-]. Type genus: *Philonthus* Curtis, 1829.

- ***RÉMATES** Mulsant and Rey, 1876: 596 [stem: *Rem*-]. Type genus: *Remus* sensu C. G. Thomson, 1859 [not *Remus* Holme, 1837; syn. of *Erichsonius* Fauvel, 1874]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; also based on a misidentified type genus.

CRASPEDOMERI Bernhauer, 1911: 88 [stem: *Craspedomer*-]. Type genus: *Craspedomerus* Bernhauer, 1911.

Subtribe QUEDIINA Kraatz, 1857

QUEDIIFORMES Kraatz, 1857: 473 [stem: *Quedi*-]. Type genus: *Quedius* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996c)]. Comment: use of family-group name given precedence over **PLATYCNEMINI** Nordmann 1837 and "**QUEDIINI** Kraatz, [1857]" placed on the Official List of Family-Group Names in Zoology (ICZN 1996c).

- ***ACYLOPHORINI** Scheerpeltz, 1968: 97 [stem: *Acylophor*-]. Type genus: *Acylophorus* Nordmann, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ACYLOPHORINI Outerelo and Gamarra, 1985: 48, in key [stem: *Acylophor*-]. Type genus: *Acylophorus* Nordmann, 1837.

Subtribe STAPHYLININA Latreille, 1802

STAPHYLINAE Latreille, 1802: 124 [stem: *Staphylin*-]. Type genus: *Staphylinus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1959a)]. Comment: placed on the Official List of Family-Group Names in Zoology (as **STAPHYLINIDAE** Latreille, [1803-1804]) and "**STAPHYLINII** Latreille, [1803-1804]" placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1959a).

CREOPHILIDAE Kirby, 1837: 95 [stem: *Creophil*-]. Type genus: *Creophilus* Leach, 1819 [*Creophilus* (attributed to Samouelle, 1819) placed on the Official List of Generic Names in Zoology (ICZN 1959a)].

THINOPININAE Böving and Craighead, 1931: 30 [stem: *Thinopin*-.] Type genus: *Thinopinus* J. L. LeConte, 1852.

OCCYPINA Hatch, 1957: 173, in key [stem: *Ocypod*-.] Type genus: *Ocypus* Leach, 1819. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Newton and Thayer (1992: 65).

Subtribe TANYGNATHININA Reitter, 1909

TANYGNATHININI Reitter, 1909: 105 [stem: *Tanygnathin*-.] Type genus: *Tanygnathinus* Reitter, 1909 [syn. of *Atanygnathus* Jakobson, 1909].

TANYGNATHINI Casey, 1915b: 424 [stem: *Tanygnath*-.] Type genus: *Tanygnathus* Erichson, 1839 [preoccupied genus name, not *Tanygnathus* Wagler, 1832 [Aves]; syn. of *Atanygnathus* Jakobson, 1909]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ATANYGNATHINI Lohse, 1964: 220 [stem: *Atanygnath*-.] Type genus: *Atanygnathus* Jakobson, 1909.

Subtribe XANTHOPYGINA Sharp, 1884

PLATYCNE MIDIFORMES Nordmann, 1837: 6 [stem: *Platycnem*-.] Type genus: *Platycnemus* Nordmann, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1996c); syn. of *Haematodes* Laporte, 1835]. Comment: younger name XANTHOPYGINA Sharp, 1884 given precedence over this name (ICZN 1996c); placed on the Official List of Family-Group Names in Zoology (ICZN 1996c, as PLATYCNE MINI Nordmann, 1837).

XANTHOPYGINA Sharp, 1884: 342 [stem: *Xanthopyg*-.] Type genus: *Xanthopygus* Kraatz, 1857. Comment: family-group name given precedence over PLATYCNE MINI Nordmann, 1837 and placed on the Official List of Family-Group Names in Zoology (ICZN 1996c).

TRIACRI Bernhauer, 1931: 84 [stem: *Triacr*-.] Type genus: *Triacrus* Nordmann, 1837.

Tribe XANTHOLININI Erichson, 1839

AGRAEFORMES Nordmann, 1837: 7 [stem: *Agrod*-.] Type genus: *Agrodes* Nordmann, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1996c); syn. of *Plochionocerus* Dejean, 1833]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1996c, as AGRODINI Nordmann, 1837); younger name XANTHOLININI Erichson, 1839 given precedence over this name (ICZN 1996c).

GYROHYPNIDAE Kirby, 1837: 88 [stem: *Gyrohypn*-.] Type genus: *Gyrohypnus* Leach, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1983c, as *Gyrohypnus* Samouelle, 1819)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1996c, as GYROHYPNINI Kirby, 1837); younger name XANTHOLININI Erichson, 1839 given precedence over this name (ICZN 1996c).

XANTHOLININI Erichson, 1839b: 28 [stem: *Xantholin-*]. Type genus: *Xantholinus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1983c)]. Comment: family-group name given precedence over AGRODINI Nordmann, 1837 and GYROHYPNINI Kirby, 1837 and placed on the Official List of Family-Group Names in Zoology (ICZN 1996c).

ARAEOCNEMES Casey, 1906: 359 [stem: *Araeocnem-*]. Type genus: *Araeocnemus* Nordmann, 1837 [as *Araeocnemis*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Plochionocerus* Dejean, 1833].

METOPONCI Casey, 1906: 360 [stem: *Metoponc-*]. Type genus: *Metoponcus* Kraatz, 1857 [syn. of *Zeteotomus* Jacquelin du Val, 1856].

†Subfamily PROTACTINAE Heer, 1847

PROTACTIDEN Heer, 1847: 28 [stem: *Protact-*]. Type genus: *Protactus* Heer, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bronn (1848: 1045, as PROTACTIDAE), generally accepted as in Herman (2001: 3839, as PROTACTINAE).

STAPHYLINOIDEA *incertae sedis*

HAMEEDINI M. Abdullah and Quadri, 1968: 310 [stem: *Hameedi-*]. Type genus: *Hameedia* M. Abdullah and Quadri, 1968. Comment: incorrect original stem formation, not in prevailing usage; originally proposed as a tribe of STAPHYLINIDAE: OXYPORINAE; correct placement uncertain (see Newton and Thayer 1992: 67).

Series SCARABAEIFORMIA

Superfamily SCARABAEOIDEA Latreille, 1802

SCARABAEIDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758. Comment: First Reviser (SCARABAEOIDEA Latreille, 1802 vs GEOTRUPOIDEA Latreille, 1802) not determined, current usage maintained.

Family PLEOCOMIDAE LeConte, 1861

PLEOCOMINI J. L. LeConte, 1861: 128 [stem: *Pleocom-*]. Type genus: *Pleocomia* J. L. LeConte, 1856.

Subfamily PLEOCOMINAE LeConte, 1861

PLEOCOMINI J. L. LeConte, 1861: 128 [stem: *Pleocom-*]. Type genus: *Pleocomia* J. L. LeConte, 1856.

†Subfamily CRETOCOMINAE Nikolajev, 2002

CRETOCOMINI Nikolajev, 2002: 53 [stem: *Cretocom-*]. Type genus: *Cretocomia* Nikolajev, 2002.

†Subfamily ARCHESCARABAEINAE Nikolajev, 2010

ARCHESCARABAEINAE Nikolajev, 2010: 69 [stem: *Archescarabae-*]. Type genus: *Archescarabaeus* Nikolajev, 2010.

Family GEOTRUPIDAE Latreille, 1802

GEOTRUPINI Latreille, 1802: 142 [stem: *Geotrup-*]. Type genus: *Geotrupes* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1955b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1955c, as GEOTRUPINI Latreille, 1806).

Subfamily TAUROCERASTINAE Germain, 1897

TAUROCERASTIDAE Germain, 1897: 288 [stem: *Taurocerast-*]. Type genus: *Taurocerastes* Philippi, 1866.

Subfamily BOLBOCERATINAE Mulsant, 1842

BOLBOCÉRAIRES Mulsant, 1842: 347 [stem: *Bolbocerat-*]. Type genus: *Bolboceras* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2006a)].

Tribe ATHYREINI Lynch Arribálzaga, 1878

*ATHYRÉITES Blanchard, 1845a: 221 [stem: *Athyre-*]. Type genus: *Athyreus* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1985a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845a) (see A. B. T. Smith 2006: 148).

ATHYREITAE Lynch Arribálzaga, 1878: 145 [stem: *Athyre-*]. Type genus: *Athyreus* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1985a)]. Comment: name previously attributed to Howden and Martínez (1963).

ATHYREINI Howden and Martínez, 1963: 346 [stem: *Athyre-*]. Type genus: *Athyreus* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1985a)]. Comment: family-group name proposed as new without reference to ATHYRÉIDES Blanchard, 1845 or ATHYREITAE Lynch Arribálzaga, 1878.

Tribe BOLBELASMINI Nikolajev, 1996

BOLBELASMINI Nikolajev, 1996: 96 [stem: *Bolbelasm-*]. Type genus: *Bolbelasmus* Boucomont, 1911.

Tribe BOLBOCERATINI Mulsant, 1842

BOLBOCÉRAIRES Mulsant, 1842: 347 [stem: *Bolbocerat-*]. Type genus: *Bolboceras* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2006a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Boucomont (1911: 333, as BOLBOCERINAE [incor-

rect stem formation]], generally accepted as in A. B. T. Smith (2006: 148, as BOLBOCERATINI); concept of *Bolboceras* Kirby, 1819 fixed by the Commission (ICZN 2006a); incorrect original stem formation, not in prevailing usage.

AUSTRALOBOLBINI Nikolajev, 1996: 96 [stem: *Australobolb-*]. Type genus: *Australobolbus* Howden and Cooper, 1977.

Tribe BOLBOCHROMINI Nikolajev, 1970

BOLBOCHROMINI Nikolajev, 1970: 34 [stem: *Bolbochrom-*]. Type genus: *Bolbochromus* Boucomont, 1909.

Tribe EUBOLBITINI Nikolajev, 1970

EUBOLBITINI Nikolajev, 1970: 33 [stem: *Eubolbit-*]. Type genus: *Eubolbitus* Reitter, 1892.

Tribe EUCANTHINI Nikolajev, 2003

EUCANTHINI Nikolajev, 2003b: 209 [stem: *Eucanth-*]. Type genus: *Eucanthus* Westwood, 1848.

Tribe GILLETININI Nikolajev, 1990

GILLETININI Nikolajev, 1990: 99 [stem: *Gilletin-*]. Type genus: *Gilletinus* Boucomont, 1932.

Tribe ODONTEINI Shokhin, 2007

ODONTEINI Shokhin, 2007: 111 [stem: *Odonte-*]. Type genus: *Odonteus* Samouelle, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2006a)]. Comment: replacement name for BOLBOCERATINI of authors because the concept of *Bolboceras* Kirby, 1819 was fixed differently by the Commission (ICZN 2006a).

Tribe STENASPIDIINI Nikolajev, 2003

STENASPIDIINI Nikolajev, 2003a: 190, in key [stem: *Stenaspidi-*]. Type genus: *Stenaspidius* Westwood, 1848.

Subfamily GEOTRUPINAE Latreille, 1802

GEOTRUPINI Latreille, 1802: 142 [stem: *Geotrup-*]. Type genus: *Geotrupes* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1955b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1955c, as GEOTRUPINI Latreille, 1806).

Tribe CERATOTRUPINI Zunino, 1984

CERATOTRUPINI Zunino, 1984: 89 [stem: *Ceratotrup-*]. Type genus: *Ceratotrupes* Jekel, 1866.

Tribe ENOPLOTRUPINI Paulian, 1945

ENOPLOTRUPINI Paulian, 1945: 40, in key [stem: *Enoplotrup-*]. Type genus: *Enoplotrupes* Lucas, 1869.

CHROMOGEOTRUPINI Zunino, 1984: 30 [stem: *Chromogeotrup-*]. Type genus: *Chromogeotrupes* Bovo and Zunino, 1983.

†Tribe CRETOGEOTRUPINI Nikolajev, 1996

CRETOGEOTRUPINI Nikolajev, 1996: 97 [stem: *Cretogeotrup-*]. Type genus: *Cretogeotrupes* Nikolajev, 1992.

Tribe GEOTRUPINI Latreille, 1802

GEOTRUPINI Latreille, 1802: 142 [stem: *Geotrup-*]. Type genus: *Geotrupes* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1955b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1955c, as GEOTRUPINI Latreille, 1806).

Tribe LETHRINI Oken, 1843

LETHRINI Oken, 1843: 484 [stem: *Lethr-*]. Type genus: *Lethrus* Scopoli, 1777. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Tulk (1847: 614, as LETHRI); name previously attributed to Mulsant and Rey (1871a).

Family BELOHINIDAE Paulian, 1959

BELOHININAE Paulian, 1959: 40 [stem: *Belohin-*]. Type genus: *Belohina* Paulian, 1959.

Family PASSALIDAE Leach, 1815

PASSALIDA Leach, 1815: 100 [stem: *Passal-*]. Type genus: *Passalus* Fabricius, 1792.

Subfamily AULACOCYCLINAE Kaup, 1868

AULACOCYCLINAE Kaup, 1868a: 4 [stem: *Aulacocycl-*]. Type genus: *Aulacocyclus* Kaup, 1868.

Tribe AULACOCYCLINI Kaup, 1868

AULACOCYCLINAE Kaup, 1868a: 4 [stem: *Aulacocycl-*]. Type genus: *Aulacocyclus* Kaup, 1868.

Tribe CERACUPEDINI Boucher, 2006

CERACUPINI Boucher, 2006: 319 [stem: *Ceracuped-*]. Type genus: *Ceracupes* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily PASSALINAE Leach, 1815

PASSALIDA Leach, 1815: 100 [stem: *Passal-*]. Type genus: *Passalus* Fabricius, 1792.

Tribe LEPTAULACINI Kaup, 1871

LEPTAULACEAE Kaup, 1871: 28 [stem: *Leptaulac*]. Type genus: *Leptaulax* Kaup, 1868.

Tribe MACROLININI Kaup, 1871

MACROLINEAE Kaup, 1871: 42 [stem: *Macrolin*]. Type genus: *Macrolinus* Kaup, 1868. Comment: First Reviser found (MACROLININI Kaup, 1871 vs ACERAIINI Kaup, 1871) is Gravely (1918: 76).

ACERAIÆ Kaup, 1871: 47 [stem: *Acerai*]. Type genus: *Aceraius* Kaup, 1868.

ERIOCNEMIAE Kaup, 1871: 35 [stem: *Eriocnemid*]. Type genus: *Eriocnemis* Kaup, 1868 [preoccupied genus name, not *Eriocnemis* Reichenbach, 1849 [Aves]; syn. of *Pelopides* Kuwert, 1896]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

GONATINAE Kuwert, 1891: 169 [stem: *Gonat*]. Type genus: *Gonatas* Kaup, 1871.

MASTACHILINAE Kuwert, 1891: 167 [stem: *Mastachil*]. Type genus: *Mastachilus* Kaup, 1868.

PHAROCHILINAE Kuwert, 1891: 166 [stem: *Pharochil*]. Type genus: *Pharochilus* Kaup, 1868.

TARQUININAE Kuwert, 1891: 164 [stem: *Tarquini*]. Type genus: *Tarquinius* Kuwert, 1891. Comment: incorrect original stem formation, not in prevailing usage.

VELLEJINAE Kuwert, 1891: 167 [stem: *Vellej*]. Type genus: *Vellejus* Kaup, 1871 [preoccupied genus name, not *Vellejus* Mannerheim, 1830 [Coleoptera: STAPHYLINIDAE], not *Vellejus* Stål, 1865 [Hemiptera]; syn. of *Labiensus* Kaup, 1871]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AURELIINAE Kuwert, 1896: 230 [stem: *Aureli*]. Type genus: *Aurelius* Kuwert, 1891.

LACHINAE Kuwert, 1896: 230 [stem: *Lach*]. Type genus: *Laches* Kaup, 1871 [preoccupied genus name, not *Laches* Gistel, 1848 [Hymenoptera], not *Laches* Thorell, 1869 [Arachnida]; syn. of *Aceraius* Kaup, 1868]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PELOPINAE Kuwert, 1896: 229 [stem: *Pelopid*]. Type genus: *Pelopides* Kuwert, 1896. Comment: incorrect original stem formation, not in prevailing usage.

PLEURARIINAE Kuwert, 1896: 224 [stem: *Pleurari*]. Type genus: *Pleurarius* Kaup, 1868.

GNAPHALOCNEMINAE Gravely, 1914: 194 [stem: *Gnaphalocnemid*]. Type genus: *Gnaphalocnemis* Heller, 1900 [syn. of *Pelopides* Kuwert, 1896]. Comment: incorrect original stem formation, not in prevailing usage.

AUSTROPASSALINAE Mjöberg, 1917: 11 [stem: *Austropassal*]. Type genus: *Austropassalus* Mjöberg, 1917.

Tribe PASSALINI Leach, 1815

- PASSALIDA Leach, 1815: 100 [stem: *Passal*-.]. Type genus: *Passalus* Fabricius, 1792.
- NELIINAE Kaup, 1869: 28 [stem: *Nele*-.]. Type genus: *Neleus* Kaup, 1869 [preoccupied genus name, not *Neleus* Desbonne and Schramm, 1867 [Crustacea]; syn. of *Passalus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- PERTINACEAE Kaup, 1871: 89 [stem: *Pertinac*-.]. Type genus: *Pertinax* Kaup, 1869.
- PHORONEAE Kaup, 1871: 97 [stem: *Phorone*-.]. Type genus: *Phoroneus* Kaup, 1869 [preoccupied genus name, not *Phoroneus* Stål, 1865 [Hemiptera]; syn. of *Passalus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- MITRORHINAE Kuwert, 1891: 190 [stem: *Mitrorhin*-.]. Type genus: *Mitrorhinus* Kaup, 1871.
- PAXILLINAE Kuwert, 1891: 182 [stem: *Paxill*-.]. Type genus: *Paxillus* W. S. MacLeay, 1819.
- PETREJINAE Kuwert, 1891: 176 [stem: *Petrej*-.]. Type genus: *Petреjus* Kaup, 1869.
- NELIDINAE Kuwert, 1896: 222 [stem: *Neleid*-.]. Type genus: *Neleides* Kaup, 1869. Comment: incorrect original stem formation, not in prevailing usage.
- PTICHOPINAE Kuwert, 1896: 224 [stem: *Ptichopod*-.]. Type genus: *Ptichopus* Kaup, 1869. Comment: incorrect original stem formation, not in prevailing usage.
- RHODACANTHOPINAE Kuwert, 1896: 222 [stem: *Rhodacanthopod*-.]. Type genus: *Rhodacanthopus* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.
- VATINIINAE Kuwert, 1896: 226 [stem: *Vatini*-.]. Type genus: *Vatinius* Kaup, 1869 [preoccupied genus name, not *Vatinius* Stål, 1865 [Hemiptera]; syn. of *Passalus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe PROCULINI Kaup, 1868

- PROCLINAE Kaup, 1868b: 8 [stem: *Procul*-.]. Type genus: *Proculus* Kaup, 1868.
- PSEUDACANTHAE Kaup, 1871: 73 [stem: *Pseudacanth*-.]. Type genus: *Pseudacanthus* Kaup, 1869.
- OILEINAE Kuwert, 1891: 192 [stem: *Oile*-.]. Type genus: *Oileus* Kaup, 1869.
- SERTORINAE Kuwert, 1891: 175 [stem: *Sertori*-.]. Type genus: *Sertorius* Kaup, 1871 [preoccupied genus name, not *Sertorius* Stål, 1866 [Hemiptera]; syn. of *Arrox* Zang, 1905]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.
- UNDULIFERINAE Kuwert, 1891: 176 [stem: *Undulifer*-.]. Type genus: *Undulifer* Kaup, 1869.
- VETURINAE Kuwert, 1891: 173 [stem: *Veturi*-.]. Type genus: *Veturius* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.
- POPILIINAE Kuwert, 1896: 221 [stem: *Popili*-.]. Type genus: *Popilius* Kaup, 1871.

PROCULEJINAE Kuwert, 1896: 221 [stem: *Proculej*-]. Type genus: *Proculejus* Kaup, 1868.

SPURIINAE Kuwert, 1896: 221 [stem: *Spuri*-]. Type genus: *Spurius* Kaup, 1871.

VINDICINAE Kuwert, 1896: 227 [stem: *Vindic*-]. Type genus: *Vindex* Kaup, 1871.

Tribe SOLENOCYCLINI Kaup, 1871

SOLENOCYCLEAE Kaup, 1871: 24 [stem: *Solenocycl*-]. Type genus: *Solenocyclus* Kaup, 1868. Comment: First Reviser found (SOLENOCYCLINI Kaup, 1871 vs STEPHANOCEPHALINI Kaup, 1871) is Boucher (2006).

STEPHANOCEPHALEAE Kaup, 1871: 78 [stem: *Stephanocephal*-]. Type genus: *Stephanocephalus* Kaup, 1868.

CICERONINAE Kuwert, 1891: 183 [stem: *Ciceroni*-]. Type genus: *Ciceronius* Kaup, 1871. Comment: incorrect original stem formation, not in prevailing usage.

ERIONOMINAE Kuwert, 1891: 176 [stem: *Erionom*-]. Type genus: *Erionomus* Kaup, 1868.

FLAMININAE Kuwert, 1891: 185 [stem: *Flamini*-]. Type genus: *Flaminius* Kuwert, 1891. Comment: incorrect original stem formation, not in prevailing usage.

SEMICYCLINAE Kuwert, 1891: 177 [stem: *Semicycl*-]. Type genus: *Semicyclus* Kaup, 1871.

Family TROGIDAE MacLeay, 1819

TROGIDAE W. S. MacLeay, 1819: 59 [stem: *Trog*-]. Type genus: *Trox* Fabricius, 1775.

†Subfamily AVITORTORINAE Nikolajev, 2007

AVITORTORINAE Nikolajev, 2007a: 110 [stem: *Avitortor*-]. Type genus: *Avitortor* Ponomarenko, 1977.

Subfamily TROGINAE MacLeay, 1819

TROGIDAE W. S. MacLeay, 1819: 59 [stem: *Trog*-]. Type genus: *Trox* Fabricius, 1775.

PHOBERIDAE Gistel, 1848: [5] [stem: *Phober*-]. Type genus: *Phoberus* W. S. MacLeay, 1819.

Subfamily OMORGINAE Nikolajev, 2005

OMORGINI Nikolajev, 2005a: 322 [stem: *Omorg*-]. Type genus: *Omorgus* Erichson, 1847.

Family GLARESIDAE Kolbe, 1905

GLARESINI Kolbe, 1905: 543 [stem: *Glares*-]. Type genus: *Glaresis* Erichson, 1848.

Family DIPHYLLOSTOMATIDAE Holloway, 1972

DIPHYLLOSTOMATIDAE Holloway, 1972: 38 [stem: *Diphyllostomat*-]. Type genus: *Diphyllostoma* Fall, 1901.

Family LUCANIDAE Latreille, 1804

LUCANIDES Latreille, 1804c: 149 [stem: *Lucan-*]. Type genus: *Lucanus* Scopoli, 1763.

†Subfamily PROTOLUCANINAE Nikolajev, 2007

PROTOLUCANINAE Nikolajev, 2007a: 18 [stem: *Protolucan-*]. Type genus: *Protolucanus* Nikolajev, 2007.

Subfamily AESALINAE MacLeay, 1819

AESALIDAE W. S. MacLeay, 1819: 102 [stem: *Aesal-*]. Type genus: *Aesalus* Fabricius, 1801.

Tribe AESALINI MacLeay, 1819

AESALIDAE W. S. MacLeay, 1819: 102 [stem: *Aesal-*]. Type genus: *Aesalus* Fabricius, 1801.

Tribe CERATOGNATHINI Sharp, 1899

CERATOGNATHINI Sharp, 1899a: 194 [stem: *Ceratognath-*]. Type genus: *Ceratognathus* Westwood, 1838.

Tribe NICAGINI LeConte, 1861

NICAGINI J. L. LeConte, 1861: 130 [stem: *Nicag-*]. Type genus: *Nicagus* J. L. LeConte, 1861.

†Subfamily CERUCHITINAE Nikolajev, 2006

CERUCHITINAE Nikolajev, 2006: 133 [stem: *Ceruchit-*]. Type genus: *Ceruchites* Statz, 1952.

Subfamily SYNDESINAE MacLeay, 1819

SYNDESIDAE W. S. MacLeay, 1819: 103 [stem: *Syndes-*]. Type genus: *Syndesus* W. S. MacLeay, 1819.

SINODENDRIENS Mulsant, 1842: 600 [stem: *Sinodendr-*]. Type genus: *Sinodendron* Hellwig, 1791. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: xii, as SINODENDRIDAE), generally accepted as in Ratcliffe (2002: 8, as SINODENDRINI).

CERUCHITES Jacquelin du Val, 1859: 4 [stem: *Ceruch-*]. Type genus: *Ceruchus* W. S. MacLeay, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 121, as CERUCHINI), generally accepted as in Ratcliffe (2002: 8, as CERUCHINI).

Subfamily LAMPRIMINAE MacLeay, 1819

LAMPRIMIDAE W. S. MacLeay, 1819: 97 [stem: *Lamprim-*]. Type genus: *Lamprima* Latreille, 1804.

Tribe LAMPRIMINI MacLeay, 1819

LAMPRIMIDAE W. S. MacLeay, 1819: 97 [stem: *Lamprim-*]. Type genus: *Lamprima* Latreille, 1804.

Tribe STREPTOCERINI Kikuta, 1986

STREPTOCERINI Kikuta, 1986: 131 [stem: *Streptocer-*]. Type genus: *Streptocerus* Fairmaire, 1850.

Subfamily LUCANINAE Latreille, 1804

LUCANIDES Latreille, 1804c: 149 [stem: *Lucan-*]. Type genus: *Lucanus* Scopoli, 1763.

Tribe CHIASOGNATHINI Burmeister, 1847

CHIASOGNATHIDAE H. C. C. Burmeister, 1847: 334 [stem: *Chiasognath-*]. Type genus: *Chiasognathus* Stephens, 1831.

Tribe LUCANINI Latreille, 1804

LUCANIDES Latreille, 1804c: 149 [stem: *Lucan-*]. Type genus: *Lucanus* Scopoli, 1763. Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804b [between 19 August and 17 September]: 234, as LUCANIDES).

FIGULIDAE H. C. C. Burmeister, 1847: 428 [stem: *Figul-*]. Type genus: *Figulus* W. S. MacLeay, 1819.

CORYPTICIDAE Gistel, 1848: [5] [stem: *Coryptic-*]. Type genus: *Corypticus* Sturm, 1843 [the genus was spelled *Coryptius* (Sturm 1843: 136) and *Corypticus* (Sturm 1843: 347) in the paper making the genus name available but the latter spelling is in prevailing usage and is the correct spelling].

DORCIDAE Parry, 1864: 86 [stem: *Dorc-*]. Type genus: *Dorcus* W. S. MacLeay, 1819.

CLADOGNATHIDAE Parry, 1870: 75 [stem: *Cladognath-*]. Type genus: *Cladognathus* H. C. C. Burmeister, 1847 [syn. of *Prosopocoilus* Hope, 1845].

ODONTOLABIDAE Parry, 1870: 106 [stem: *Odontolabid-*]. Type genus: *Odontolabis* Hope, 1842. Comment: incorrect original stem formation, not in prevailing usage.

NIGIDIINI Jakobson, 1911b: 142 [stem: *Nigidi-*]. Type genus: *Nigidius* W. S. MacLeay, 1819. Comment: NIGIDIINI was attributed to Benesh (1960) and treated as unavailable by A. B. T. Smith (2006: 154).

LEPTINOPTERINI Jakobson, 1911b: 142 [stem: *Leptinopter-*]. Type genus: *Leptinopterus* Hope, 1838 [unjustified emendation of *Leptynopterus* by Hope (1845: 5), in prevailing usage and so deemed to be a justified emendation (Article 33.2.3.1)].

RHAETULINAE Miwa, 1931: 323 [stem: *Rhaetul-*]. Type genus: *Rhaetulus* Westwood, 1871.

PENICHROLUCANINAE Arrow, 1950: 233 [stem: *Penichrolucan-*]. Type genus: *Penichrolucanus* Deyrolle, 1863.

- *CHALCODINAE Didier and Séguy, 1953: 91 [stem: *Chalcod-*]. Type genus: *Chalcodes* H. C. C. Burmeister, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- DENDEZIINI Benesh, 1955b: 72 [stem: *Dendezi-*]. Type genus: *Dendezia* Basilewsky, 1952.
- LISSTOTINI Benesh, 1955b: 73 [stem: *Lisstot-*]. Type genus: *Lisstotes* Westwood, 1855. Comment: incorrect original stem formation, not in prevailing usage.
- SCLEROSTOMINI Benesh, 1955a: 97 [stem: *Sclerostom-*]. Type genus: *Sclerostomus* H. C. C. Burmeister, 1847.
- SCORTIZINI Benesh, 1955a: 103 [stem: *Scortiz-*]. Type genus: *Scortizus* Westwood, 1834.
- *PROSOPOCOILINI Benesh, 1960: 50 [stem: *Prosopocoil-*]. Type genus: *Prosopocoilus* Hope, 1845. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *PSEUDODORCINI Benesh, 1960: 97 [stem: *Pseudodorc-*]. Type genus: *Pseudodorcus* Parry, 1870. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *RHYSSONOTINI Benesh, 1960: 148 [stem: *Ryssonot-*]. Type genus: *Ryssonotus* W. S. MacLeay, 1819 [as *Rhyssonotus*, unjustified emendation of type genus name by Agassiz (1846b: 329), not in prevailing usage]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- *CHALCODINAE J. P. Lacroix, 1979: 258 [stem: *Chalcod-*]. Type genus: *Chalcodes* H. C. C. Burmeister, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- PHOLIDOTINI Kikuta, 1986: 131 [stem: *Pholidot-*]. Type genus: *Pholidotus* W. S. MacLeay, 1819 [preoccupied genus name, not *Pholidotus* Brisson, 1762 [Mammalia]; syn. of *Casignetus* W. S. MacLeay, 1819]. Comment: permanently invalid (Art. 39); based on preoccupied type genus.
- *AEGINI Maes, 1992b: 97 [stem: *Aeg-*]. Type genus: *Aegus* W. S. MacLeay, 1819. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); AEGIDAE A. White, 1850 (type genus *Aega* Leach, 1815) is currently used as valid in Isopoda and therefore anyone wishing to base a new family-group name on the genus *Aegus* W. S. MacLeay should change the stem in order to avoid homonymy with the isopod name.
- *ALLOTOPINI Maes, 1992a: 56 [stem: *Allotop-*]. Type genus: *Allotopus* Albers, 1894. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

- *CASIGNETINI Maes, 1992b: 61 [stem: *Casignet-*]. Type genus: *Casignetus* W. S. MacLeay, 1819. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); CASIGNETINI Falkovitsh, 1972 (type genus *Casigneta* Wallengren, 1881) proposed in Lepidoptera is permanently invalid since it is based on a preoccupied type genus name.
- *COLOPHONINI Maes, 1992b: 107 [stem: *Colophon-*]. Type genus: *Colophon* Gray, 1832. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *CYCLOMMATINI Maes, 1992a: 56 [stem: *Cyclommat-*]. Type genus: *Cyclommatus* Parry, 1863. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *HOMODERINI Maes, 1992b: 85 [stem: *Homoder-*]. Type genus: *Homoderus* Parry, 1863. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- CASIGNETINI Reid, 1999: 175 [stem: *Casignet-*]. Type genus: *Casignetus* W. S. MacLeay, 1819. Comment: replacement name for PHOLIDOTINI Kikuta, 1986 because of the homonymy of the type genus.
- BRASILUCANINI Nikolajev, 1999a: 171 [stem: *Brasilucan-*]. Type genus: *Brasilucanus* Vulcano and Pereira, 1961.

Tribe PLATYCERINI Mulsant, 1842

- PLATYCÉRAIRES Mulsant, 1842: 593 [stem: *Platyce-*]. Type genus: *Platycerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1856a: 365, as PLATYCERIDAE), generally accepted as in Paulsen and Hawks (2008: 1, as PLATYCERINI).
- SYSTEMOCERINI Portevin, 1931: 2, in key [stem: *Systemocer-*]. Type genus: *Systemocerus* Weise, 1883 [syn. of *Platycerus* Geoffroy, 1762].

Tribe PLATYCEROIDINI Paulsen and Hawks, 2008

- PLATYCEROIDINI Paulsen and Hawks, 2008: 2 [stem: *Platyceroid-*]. Type genus: *Platyceroides* Benesh, 1946.

†Subfamily PARALUCANINAE Nikolajev, 2000

- PARALUCANINAE Nikolajev, 2000b: S328 [stem: *Paralucan-*]. Type genus: *Paralucanus* Nikolajev, 2000.

Family OCHODAEIDAE Mulsant and Rey, 1871

- OCHODÉENS Mulsant and Rey, 1871b: 493 [stem: *Ochodae-*]. Type genus: *Ochodaeus* Dejean, 1821.

†Subfamily CRETOCHODAEINAE Nikolajev, 1995

CRETOCHODAEINI Nikolajev, 1995a: 78 [stem: *Cretochodae-*]. Type genus: *Cretochodaeus* Nikolajev, 1995.

Subfamily OCHODAEINAE Mulsant and Rey, 1871

OCHODÉENS Mulsant and Rey, 1871b: 493 [stem: *Ochodae-*]. Type genus: *Ochodaeus* Dejean, 1821.

Tribe ENODOGNATHINI Scholtz, 1988

ENODOGNATHINI Scholtz, 1988: 228 [stem: *Enodognath-*]. Type genus: *Enodognathus* Benderitter, 1920 [as *Endognathus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Scholtz (1991: 30).

Tribe OCHODAEINI Mulsant and Rey, 1871

OCHODÉENS Mulsant and Rey, 1871b: 493 [stem: *Ochodae-*]. Type genus: *Ochodaeus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Arrow (1904: 747, as OCHODAEINAE), generally accepted as in A. B. T. Smith (2006: 155, as OCHODAEIDAE); incorrect original stem formation, not in prevailing usage.

Subfamily CHAETOCANTHINAE Scholtz, 1988

CHAETOCANTHINAE Scholtz, 1988: 231 [stem: *Chaetocanth-*]. Type genus: *Chaetocanthus* Péringuey, 1901. Comment: precedence (CHAETOCANTHINAE Scholtz, 1988 vs PSEUDOCODAEINAE Scholtz, 1988 vs SYNOCHODAEINAE Scholtz, 1988) given to taxon originally proposed at the higher rank (Art. 24.1).

Tribe CHAETOCANTHINI Scholtz, 1988

CHAETOCANTHINAE Scholtz, 1988: 231 [stem: *Chaetocanth-*]. Type genus: *Chaetocanthus* Péringuey, 1901.

Tribe PSEUDOCODAEINI Scholtz, 1988

PSEUDOCODAEINI Scholtz, 1988: 235 [stem: *Pseudochodae-*]. Type genus: *Pseudochodaeus* Carlson and Ritcher, 1974.

Tribe SYNOCHODAEINI Scholtz, 1988

SYNOCHODAEINI Scholtz, 1988: 237 [stem: *Synochodae-*]. Type genus: *Synochodaeus* Kolbe, 1907.

Family HYBOSORIDAE Erichson, 1847

HYBOSORIDAE Erichson, 1847a: 104 [stem: *Hybosor-*]. Type genus: *Hybosorus* W. S. MacLeay, 1819.

†Subfamily MIMAPHODIINAE Nikolajev, 2007

MIMAPHODIINAE Nikolajev, 2007b: 47 [stem: *Mimaphodi-*]. Type genus: *Mimaphodius* Nikolajev, 2007.

Subfamily ANAIDINAE Nikolajev, 1996

ANAIDINI Nikolajev, 1996: 94 [stem: *Anaid-*]. Type genus: *Anaides* Westwood, 1842.

CRYPTOGENIINI Howden, 2001: 199 [stem: *Cryptogeni-*]. Type genus: *Cryptogenius* Westwood, 1842.

Subfamily CERATOCANTHINAE Martínez, 1968

CERATOCANTHINI Martínez, 1968: 14 [stem: *Ceratocanth-*]. Type genus: *Ceratocanthus* A. White, 1842.

Tribe CERATOCANTHINI Martínez, 1968

ACANTHOCÉRIDES Lacordaire, 1856: 155 [stem: *Acanthocer-*]. Type genus: *Acanthocerus* W. S. MacLeay, 1819 [preoccupied genus name, not *Acanthocerus* Palsot de Beauvois, 1818 (Hemiptera); syn. of *Ceratocanthus* A. White, 1842]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1861: 129, as ACANTHOCERINI); permanently invalid (Art. 39): based on preoccupied type genus.

CERATOCANTHINI Martínez, 1968: 14 [stem: *Ceratocanth-*]. Type genus: *Ceratocanthus* A. White, 1842. Comment: replacement name for ACANTHOCERINI Lacordaire, 1856 because of the homonymy of the type genus.

Tribe IVIEOLINI Howden and Gill, 2000

IVIEOLINI Howden and Gill, 2000: 315 [stem: *Ivieol-*]. Type genus: *Ivieolus* Howden and Gill, 1988.

Tribe SCARABATERMITINI Nikolajev, 1999

SCARABATERMITINI Nikolajev, 1999b: 175 [stem: *Scarabatermit-*]. Type genus: *Scarabatermes* Howden, 1973.

Subfamily HYBOSORINAE Erichson, 1847

HYBOSORIDAE Erichson, 1847a: 104 [stem: *Hybosor-*]. Type genus: *Hybosorus* W. S. MacLeay, 1819.

Subfamily LIPAROCHRINAE Ocampo, 2006

LIPAROCHRINAE Ocampo, 2006: 29 [stem: *Liparochr-*]. Type genus: *Liparochrus* Erichson, 1848.

Subfamily PACHYPLECTRINAE Ocampo, 2006

PACHYPLECTRINAE Ocampo, 2006: 30 [stem: *Pachyplectr-*]. Type genus: *Pachyplectrus* J. L. LeConte, 1874.

Family GLAPHYRIDAE MacLeay, 1819

GLAPHYRIDAE W. S. MacLeay, 1819: 76 [stem: *Glaphyr-*]. Type genus: *Glaphyrus* Latreille, 1802.

Subfamily GLAPHYRINAE MacLeay, 1819

GLAPHYRIDAE W. S. MacLeay, 1819: 76 [stem: *Glaphyr-*]. Type genus: *Glaphyrus* Latreille, 1802.

Subfamily AMPHICOMINAE Blanchard, 1845

AMPHICOMITES Blanchard, 1845a: 211 [stem: *Amphicom-*]. Type genus: *Amphicoma* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Blanchard (1850: 52, as AMPHICOMITAE); name treated as unavailable by A. B. T. Smith (2006: 157).

†Subfamily CRETOGLAPHYRINAE Nikolajev, 2005

CRETOGLAPHYRINI Nikolajev, 2005b: 70 [stem: *Cretoglaphyr-*]. Type genus: *Cretoglaphyrus* Nikolajev, 2005.

Family SCARABAEIDAE Latreille, 1802

SCARABAEIDAE Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758.

†Subfamily LITHOSCARABAEINAE Nikolajev, 1992

LITHOSCARABAEINAE Nikolajev, 1992: 76 [stem: *Lithoscarabae-*]. Type genus: *Lithoscarabaeus* Nikolajev, 1992.

Subfamily CHIRONINAE Blanchard, 1845

CHIRONITES Blanchard, 1845a: 225 [stem: *Chiron-*]. Type genus: *Chiron* W. S. MacLeay, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1868: 278, as CHIRONIDAE), generally accepted as in A. B. T. Smith (2006: 157, as CHIRONINAE).

Subfamily AEGIALIINAE Laporte, 1840

AEGIALITES Laporte, 1840b: 99 [stem: *Aegiali-*]. Type genus: *Aegialia* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1868: 278, as AEGIALIDAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 157, as AEGIALIINAE); incorrect original stem formation, not in prevailing usage.

SILLUVIINAE Landin, 1950: 3 [stem: *Silluvi-*]. Type genus: *Silluvia* Landin, 1950.

SAPRINI Nikolajev, 2008: 149 [stem: *Sapr-*]. Type genus: *Saprus* Blackburn, 1904 [preoccupied genus name, not *Saprus* Gistel, 1856 [Coleoptera: SPHAERIUSIDAE]; syn. of *Sapriniana* Strand, 1917]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Subfamily EREMAZINAE Iablokoff-Khnzorian, 1977

EREMAZINI Iablokoff-Khnzorian, 1977 [3 October]: 168 [stem: *Eremaz*-.] Type genus: *Eremazus* Mulsant, 1851.

EREMAZINA Stebnicka, 1977 ["31 December"]: 412 [stem: *Eremaz*-.] Type genus: *Eremazus* Mulsant, 1851. Comment: proposed as new, without reference to EREMAZINI Iablokoff-Khnzorian, 1977.

Subfamily APHODIINAE Leach, 1815

APHODIDA Leach, 1815: 97 [stem: *Aphodi*-.] Type genus: *Aphodius* Illiger, 1798.

Tribe APHODIINI Leach, 1815

APHODIDA Leach, 1815: 97 [stem: *Aphodi*-.] Type genus: *Aphodius* Illiger, 1798.

Subtribe APHODIINA Leach, 1815

APHODIDA Leach, 1815: 97 [stem: *Aphodi*-.] Type genus: *Aphodius* Illiger, 1798.

*AMMOECIATES Mulsant, 1842: 301 [stem: *Ammoeci*-.] Type genus: *Ammoecius* Mulsant, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*PLAGIOGONATES Mulsant and Rey, 1871a: 609 [stem: *Plagiogon*-.] Type genus: *Plagiogonus* Mulsant, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*HEPTAULACATES Mulsant and Rey, 1871a: 585 [stem: *Heptaulac*-.] Type genus: *Heptaulacus* Mulsant, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Subtribe DIDACTYLIINA Pittino, 1985

DIDACTYLIINA Pittino, 1985: 270, in key [stem: *Didactyli*-.] Type genus: *Didactylia* d'Orbigny, 1896.

Subtribe PROCTOPHANINA Stebnicka and Howden, 1995

PROCTOPHANINI Stebnicka and Howden, 1995: 742 [stem: *Proctophan*-.] Type genus: *Proctophanes* Harold, 1861.

Tribe CORYTHODERINI Schmidt, 1910

CORYTHODERINA A. Schmidt, 1910a: 137 [stem: *Corythoder*-.] Type genus: *Corythoderus* Klug, 1845. Comment: the earliest known publication date of this work is 31 December 1910 (see Evenhuis, 1994: 55); although CORYTHODERINA A. Schmidt (1910b: 93) was published on 30 September 1910, we use A. Schmidt, 1910a as the correct original work since "CORYTHODERINA Schmidt 1910: 137" was used as the correct citation for this name by A. Schmidt himself (1910b: 93).

Tribe EUPARIINI Schmidt, 1910 *nomen protectum*

ATAENIDAE Harold, 1868: 278 [stem: *Ataeni*-]. Type genus: *Ataenius* Harold, 1867 [placed on the Official List of Generic Names in Zoology (ICZN 2010a)]. Comment: *nomen oblitum* (see A. B. T. Smith 2006: 158).

*HEXALATES Mulsant and Rey, 1871a: 605 [stem: *Hexal*-]. Type genus: *Hexalus* Mulsant and Rey, 1871 [syn. of *Ataenius* Harold, 1867]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EUPARIINA A. Schmidt, 1910a: 102 [stem: *Eupari*-]. Type genus: *Euparia* Lepeletier and Audinet-Serville, 1828. Comment: *nomen protectum* (see A. B. T. Smith 2006: 158); senior homonym of EUPARIINI B. D. Valentine, 1960 (type genus *Euparius* Schönherr, 1823) in ANTHRIBIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1); the earliest known publication date of this work is 31 December 1910 (see Evenhuis, 1994: 55); although EUPARIINA A. Schmidt (1910b: 71) was published on 30 September 1910, we use A. Schmidt, 1910a as the correct original work since “EUPARIINA Schmidt 1910: 102” was used as the correct citation for this name by A. Schmidt himself (1910b: 71).

LOMANOXIINI Stebnicka, 1999: 280 [stem: *Lomanoxi*-]. Type genus: *Lomanoxia* Martínez, 1951.

Tribe ODONTOLOCHINI Stebnicka and Howden, 1996

ODONTOLOCHINI Stebnicka and Howden, 1996: 99 [stem: *Odontoloch*-]. Type genus: *Odontolochus* Schmidt, 1916.

Tribe ODOCHILINI Rakovič, 1987

ODOCHILINI Rakovič, 1987: 29 [stem: *Odochil*-]. Type genus: *Odochilus* Harold, 1877.

Tribe PSAMMODIINI Mulsant, 1842

PSAMMODIAIRES Mulsant, 1842: 317 [stem: *Psammodi*-]. Type genus: *Psammodius* Fallén, 1807.

Subtribe PHYCOCINA Landin, 1960

PHYCOCHI Landin, 1960: 59 [stem: *Phycoc*-]. Type genus: *Phycocus* Broun, 1886 [as *Phycochus*, incorrect subsequent spelling of type genus name, not in prevailing usage (see Stebnicka 2001)]. Comment: incorrect original stem formation, not in prevailing usage.

PHYCOCHINI Rakovič and Král, 1997: 59 [stem: *Phycoc*-]. Type genus: *Phycocus* Broun, 1886 [as *Phycochus*, incorrect subsequent spelling of type genus name, not in prevailing usage (see Stebnicka 2001)]. Comment: incorrect original stem formation, not in prevailing usage; family-group name proposed as new without reference to Phycochi Landin, 1960.

Subtribe PSAMMODIINA Mulsant, 1842

PSAMMODIAIRES Mulsant, 1842: 317 [stem: *Psammodi-*]. Type genus: *Psammodius* Fallén, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1868: 278, as PSAMMODIDAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 159, as PSAMMODIINI).

PLEUROPHORATES Mulsant, 1842: 304 [stem: *Pleurophor-*]. Type genus: *Pleurophorus* Mulsant, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ádám (1994: 15, as PLEUROPHORINI).

PSAMMOBIINA Reitter, 1909: 303 [stem: *Psammobi-*]. Type genus: *Psammobius* Heer, 1841 [syn. of *Psammodius* Fallén, 1807].

Subtribe RHYSEMINA Pittino and Mariani, 1986

RHYSEMINA Pittino and Mariani, 1986: 17, in key [stem: *Rhysem-*]. Type genus: *Rhysemus* Mulsant, 1842.

Tribe RHYPARINI Schmidt, 1910

RHYPARINA A. Schmidt, 1910a: 130 [stem: *Rhypar-*]. Type genus: *Rhyparus* Westwood, 1845 [*Rhyparus* is an unjustified emendation of *Ryparus* Westwood, 1845 by Agassiz (1846b: 328), in prevailing usage, and so deemed to be a justified emendation (Article 33.2.3.1); the emended spelling avoids homonymy with *Ryparus* Spinola, 1844 [Coleoptera: CLERIDAE] (see A. B. T. Smith 2006: 159)]. Comment: the earliest known publication date of this work is 31 December 1910 (see Evenhuis, 1994: 55); although RHYPARINA A. Schmidt (1910b: 91) was published on 30 September 1910, we use A. Schmidt, 1910a as the correct original work since "RHYPARINA Schmidt 1910: 130" was used as the correct citation for this name by A. Schmidt himself (1910b: 91).

Tribe STEREOMERINI Howden and Storey, 1992

STEREOMERINI Howden and Storey, 1992: 1811 [stem: *Stereomer-*]. Type genus: *Stereomera* Arrow, 1905.

Tribe TERMITODERINI Tangelder and Krikken, 1982

TERMITODERINI Tangelder and Krikken, 1982: 10, in key [stem: *Termitoder-*]. Type genus: *Termitoderus* Mateu, 1966.

Subfamily AULONOCNEMINAE Janssens, 1946

AULONOCNEMINAE Janssens, 1946: 7, in key [stem: *Aulonocnem-*]. Type genus: *Aulonocnemis* Klug, 1837. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Aulonocnemid-*).

Subfamily TERMITOTROGINAE Wasmann, 1918

TERMITOTROGINI Wasmann, 1918: 4 [stem: *Termitotrog-*]. Type genus: *Termitotrox* Reichensperger, 1915.

Subfamily SCARABAEINAE Latreille, 1802

SCARABAEIDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758.

Tribe ATEUCHINI Perty, 1830

ATEUCHIDAE Perty, 1830: 38 [stem: *Ateuch-*]. Type genus: *Ateuchus* Weber, 1801.

Subtribe ATEUCHINA Perty, 1830

ATEUCHIDAE Perty, 1830: 38 [stem: *Ateuch-*]. Type genus: *Ateuchus* Weber, 1801. Comment: name previously attributed to Laporte (1840b: 63); use of subtribes follow Vaz-de-Mello (2008).

CHOERIDIDAE Harold, 1867: 9 [stem: *Choeridi-*]. Type genus: *Choeridium* Lepelletier and Audinet-Serville, 1828.

PINOTINAE Kolbe, 1905: 548 [stem: *Pinot-*]. Type genus: *Pinotus* Erichson, 1847.

DICHOTOMIINI Pereira, 1954: 55 [stem: *Dichotomi-*]. Type genus: *Dichotomius* Hope, 1838.

Subtribe SCATIMINA Vaz-de-Mello, 2008

SCATIMINA Vaz-de-Mello, 2008: 10 [stem: *Scatim-*]. Type genus: *Scatimus* Erichson, 1847.

ATEUCHINI *incertae sedis*

DEMARZIELLINI Balthasar, 1961: 178 [stem: *Demarziell-*]. Type genus: *Demarziella* Balthasar, 1961. Comment: family-group taxon not originally described but available (Art. 13.5) (see Matthews and Stebnicka 1986); current placement follows Vaz-de-Mello (2008).

Tribe COPRINI Leach, 1815

*COPRIDES Baudet-Lafarge, 1809: 44 [stem: *Copr-*]. Type genus: *Copris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Baudet-Lafarge (1809).

COPRIDES Leach, 1815: 96 [stem: *Copr-*]. Type genus: *Copris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Coprid-*).

COPTODACTYLINI Paulian, 1933: 67 [stem: *Coptodactyl-*]. Type genus: *Coptodactyla* H. C. C. Burmeister, 1846.

Tribe DELTOCHILINI Lacordaire, 1856

DELTOCHILIDES Lacordaire, 1856: 78 [stem: *Deltotchil-*]. Type genus: *Deltotchilum* Eschscholtz, 1822. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 125, as DELTOCHILA), generally accepted as in Germain (1903: 354, as DELTOCHILIDAE); First Reviser (DELTOCHILINI Lacordaire, 1856 vs MENTOPHILINI Lacordaire, 1856 vs SCATONOMINI Lacordaire, 1856) not determined, current usage maintained.

MINTHOPHILIDES Lacordaire, 1856: 80 [stem: *Mentophil-*]. Type genus: *Mentophilus* Laporte, 1840 [as *Minthophilus*, both *Mentophilus* (p. 74) and *Minthophilus* (p. 63) were used in the original publication by Laporte (1840b), although *Mentophilus* has been used as the correct spelling in recent literature, we could not determine the First Reviser]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1861: 464, as MINTHOPHILIDAE); name treated as unavailable by A. B. T. Smith (2006: 160); incorrect original stem formation, not in prevailing usage.

SCATONOMIDES Lacordaire, 1856: 87 [stem: *Scatonom-*]. Type genus: *Scatonomus* Erichson, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1861: 125, as SCATONOMI); transferred from ATEUCHINI by Vaz-de-Mello (2008).

COPROBIADAE H. C. C. Burmeister, 1873: 407 [stem: *Coprobi-*]. Type genus: *Coprobis* Latreille, 1829.

CANTHONIDES van Lansberge, 1875a: 184 [stem: *Canthon-*]. Type genus: *Canthon* Hoffmannsegg, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1905: 530, as CANTHONINAE), generally accepted as in A. B. T. Smith (2006: 160, as CANTHONINI).

EPILISSIDES van Lansberge, 1875a: 188 [stem: *Epiliss-*]. Type genus: *Epilissus* Dejean, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Shipp (1894: 255, as EPILISSINI).

EPIRINIDES van Lansberge, 1875a: 189 [stem: *Epirin-*]. Type genus: *Epirinus* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Bertkau (1875: 335, as EPIRINI); name treated as unavailable by A. B. T. Smith (2006: 160).

PANELINI Arrow, 1931: 404 [stem: *Panel-*]. Type genus: *Panelus* Lewis, 1895.

Tribe EUCRANIINI Burmeister, 1873

EUCRANIADAE H. C. C. Burmeister, 1873: 405 [stem: *Eucrani-*]. Type genus: *Eucranium* Brullé, 1837.

ENNEARABDINI Pereira and Martínez, 1956: 238 [stem: *Ennearabd-*]. Type genus: *Ennearabdus* van Lansberge, 1874.

Tribe GYMNOPLEURINI Lacordaire, 1856

GYMNOPLEURIDES Lacordaire, 1856: 72 [stem: *Gymnopleur-*]. Type genus: *Gymnopleurus* Illiger, 1803. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form by J. L. LeConte (1861: 124, as GYMNOPLEURI), generally accepted as in A. B. T. Smith (2006: 160, as GYMNOPLEURINI).

Tribe ONITICELLINI Kolbe, 1905

ONITICELLINI Kolbe, 1905: 547 [stem: *Oniticell-*]. Type genus: *Oniticellus* Dejean, 1821. Comment: usage of this name over DREPANOCERINI conserved (Art. 35.5) (see A. B. T. Smith 2006).

Subtribe DREPANOCERINA van Lansberge, 1875

DREPANOCÉRIDES van Lansberge, 1875b: 14 [stem: *Drepanocer-*]. Type genus: *Drepanocerus* Kirby, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1905: 531, as DREPANOCERINI), generally accepted as in A. B. T. Smith (2006: 161, as DREPANOCERINI); although DREPANOCERINI has priority over ONITICELLINI, the latter is in prevailing usage at the tribal level and must not be displaced by the older name (Art. 35.5) (see A. B. T. Smith 2006).

Subtribe EURYSTERNINA Vulcano, Martínez and Pereira, 1961

EURYSTERNINI Vulcano et al., 1961: 268 [stem: *Eurystern-*]. Type genus: *Eurysternus* Dalman, 1824. Comment: current placement based on Génier (2009).

Subtribe HELICTOPLEURINA Janssens, 1946

HELICTOPLEURIDES Janssens, 1946: 11, in key [stem: *Helictopleur-*]. Type genus: *Helictopleurus* d'Orbigny, 1915.

Subtribe ONITICELLINA Kolbe, 1905

ONITICELLINI Kolbe, 1905: 547 [stem: *Oniticell-*]. Type genus: *Oniticellus* Dejean, 1821.

Tribe ONITINI Laporte, 1840

ONITIDES Laporte, 1840b: 88 [stem: *Onit-*]. Type genus: *Onitis* Fabricius, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shipp (1894: 255, as ONITIDAE), generally accepted as in A. B. T. Smith (2006: 161, as ONITINI); although Fabricius originally treated the type genus name as masculine, it appears in Greek dictionaries as a feminine noun (with stem *Onitid-*); we recommend that an application be submitted to the Commission to establish the correct gender of *Onitis* and the correct stem based on that genus.

Tribe ONTHOPHAGINI Burmeister, 1846

ONTHOPHAGIDAE H. C. C. Burmeister, 1846: [1] [stem: *Onthophag-*]. Type genus: *Onthophagus* Latreille, 1802.

ALLOSCELIDES Janssens, 1946: 10, in key [stem: *Alloscel-*]. Type genus: *Alloscelus* Boucomont, 1923.

Tribe PHANAEINI Hope, 1838

PHANAEIDAE Hope, 1838a: 321 [stem: *Phanae-*]. Type genus: *Phanaeus* W. S. MacLeay, 1819.

GROMPHINA Zunino, 1985a: 22 [stem: *Gromphad-*]. Type genus: *Gromphas* Brullé, 1837. Comment: published 20 November 1985; this family-group name was also used in the same year by Zunino (1985b [20 December]: 107, as GROMPHINA); incorrect original stem formation, not in prevailing usage.

Tribe SCARABAEINI Latreille, 1802

SCARABAEIDES Latreille, 1802: 144 [stem: *Scarabae-*]. Type genus: *Scarabaeus* Linnaeus, 1758.

PACHYSOMIDES Ferreira, 1953: 5, in key [stem: *Pachysomat-*]. Type genus: *Pachysoma* W. S. MacLeay, 1821. Comment: incorrect original stem formation, not in prevailing usage.

ACTINOPHORINI Ádám, 2003: 130 [stem: *Actinophor-*]. Type genus: *Actinophorus* Creutzer, 1799 [syn. of *Scarabaeus* Linnaeus, 1758].

Tribe SISYPHINI Mulsant, 1842

SISYPHAIRES Mulsant, 1842: 41 [stem: *Sisyph-*]. Type genus: *Sisyphus* Latreille, 1807 [the original spelling of the type genus is *Sisyphæ*, however, the incorrect subsequent spelling *Sisyphus* is in prevailing usage and should be considered the correct original spelling (Art. 33.3.1) (see A. B. T. Smith 2006)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shipp (1894: 255, as SISYPHINAE), generally accepted as in A. B. T. Smith (2006: 162, as SISYPHINI).

†Subfamily PROTOTROGINAE Nikolajev, 2000

PROTOTROGINAE Nikolajev, 2000a: 63 [stem: *Prototrog-*]. Type genus: *Prototrox* Nikolajev, 2000.

†Subfamily CRETOSCARABAEINAE Nikolajev, 1995

CRETOSCARABAEINAE Nikolajev, 1995b: 147 [stem: *Cretoscarabae-*]. Type genus: *Cretoscarabaeus* Nikolajev, 1995.

Subfamily DYNAMOPODINAE Arrow, 1911

DYNAMOPINAE Arrow, 1911: 611 [stem: *Dynamopod-*]. Type genus: *Dynamopus* Semenov, 1895.

Tribe DYNAMOPODINI Arrow, 1911

DYNAMOPINAE Arrow, 1911: 611 [stem: *Dynamopod*-.] Type genus: *Dynamopus* Semenov, 1895. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Lawrence and Newton (1995).

Tribe THINORYCTERINI Semenov and A. N. Reichardt, 1925

THINORYCTERINA Semenov and A. N. Reichardt, 1925: 86 [stem: *Thinorycter*-.] Type genus: *Thinorycter* Semenov and A. N. Reichardt, 1925.

Subfamily PHAENOMERIDINAE Erichson, 1847

PHAENOMERINI Erichson, 1847b: 655 [stem: *Phaenomerid*-.] Type genus: *Phaenomeris* Hope, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1962)]. Comment: stem emended from *Phaenomer*- to *Phaenomerid*- thus removing it from homonymy with another family-group name in Curculionidae and placed on the Official List of Family-Group Names in Zoology (ICZN 1962, as PHAENOMERIDINAE Ohaus, 1913); in this ruling (ICZN 1962) “Ohaus, 1913” was erroneously given as the original author of this family-group name (see A. B. T. Smith 2006).

Subfamily ORPHNINAE Erichson, 1847

ORPHNIDAE Erichson, 1847a: 111 [stem: *Orphn*-.] Type genus: *Orphnus* W. S. MacLeay, 1819.

Tribe AEGIDIINI Paulian, 1984

AEGIDIINAE Paulian, 1984: 68 [stem: *Aegidi*-.] Type genus: *Aegidium* Westwood, 1845.

Tribe ORPHNINI Erichson, 1847

ORPHNIDAE Erichson, 1847a: 111 [stem: *Orphn*-.] Type genus: *Orphnus* W. S. MacLeay, 1819.

HYBALIDAE Marseul, 1857a: 83 [stem: *Hybal*-.] Type genus: *Hybalus* Dejean, 1833. Comment: name previously attributed to Jacquelin du Val (1859: 31, as HYBALITES) and treated as unavailable by A. B. T. Smith (2006: 163).

Subfamily ALLIDIOSTOMATINAE Arrow, 1940

IDIOSTOMINAE Arrow, 1904: 747 [stem: *Idiostomat*-.] Type genus: *Idiostoma* Arrow, 1904 [preoccupied genus name, not *Idiostoma* Walsingham, 1882 [Lepidoptera]; syn. of *Allidiostoma* Arrow, 1940]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

ALLIDIOSTOMIDAE Arrow, 1940: 16 [stem: *Allidiostomat*-.] Type genus: *Allidiostoma* Arrow, 1940. Comment: replacement name for IDIOSTOMINAE Arrow, 1904

because of the homonymy of the type genus; incorrect original stem formation, not in prevailing usage; correction of stem by Lawrence and Newton (1995).

Subfamily ACLOPINAE Blanchard, 1850

ACLOPITAE Blanchard, 1850: 96 [stem: *Aclop-*]. Type genus: *Aclopus* Erichson, 1835.

Tribe ACLOPINI Blanchard, 1850

ACLOPITAE Blanchard, 1850: 96 [stem: *Aclop-*]. Type genus: *Aclopus* Erichson, 1835.

†Tribe HOLCOROBEINI Nikolajev, 1992

HOLCOROBEINI Nikolajev, 1992: 81 [stem: *Holcorobe-*]. Type genus: *Holcorobeus* Nikritin, 1977.

Tribe PHAENOGNATHINI Iablokoff-Khnzorian, 1977

PHAENOGNATHINI Iablokoff-Khnzorian, 1977: 137, 172 [stem: *Phaenognath-*]. Type genus: *Phaenognatha* Hope, 1842.

Subfamily MELOLONTHINAE Leach, 1819

MELOLONTHIDAE Leach, 1819: 189 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe ABLABERINI Blanchard, 1850

ABLABERITAE Blanchard, 1850: 100 [stem: *Ablaber-*]. Type genus: *Ablabera* Dejean, 1833.

CAMENTINI Machatschke, 1959: 738 [stem: *Cament-*]. Type genus: *Camenta* Erichson, 1847.

Tribe AUTOMOLIINI Britton, 1978

CAULOBIINA H. C. C. Burmeister, 1855: 204 [stem: *Caulobi-*]. Type genus: *Caulobius* Le Guillou, 1844 [preoccupied genus name, not *Caulobius* Duponchel, 1838 [Lepidoptera]; syn. of *Deuteroaulobius* Dalla Torre, 1912]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AUTOMOLINI Britton, 1957: 72 [stem: *Automol-*]. Type genus: *Automolus* H. C. C. Burmeister, 1855 [preoccupied genus name, not *Automolus* Reichenbach, 1853 [Aves]; syn. of *Automolius* Britton, 1978]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AUTOMOLIINI Britton, 1978: 7 [stem: *Automoli-*]. Type genus: *Automolius* Britton, 1978. Comment: replacement name for AUTOMOLINI Britton, 1957 because of the homonymy of the type genus.

Tribe CHASMATOPTERINI Lacordaire, 1856

CHASMATOPTÉRIDES Lacordaire, 1856: 220 [stem: *Chasmatopter-*]. Type genus: *Chasmatopterus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1887: 130, as CHASMATOPTERIDAE), generally accepted as in A. B. T. Smith (2006: 164, as CHASMATOPTERINI).

Tribe COLYMBOMORPHINI Blanchard, 1850

COLYMBOMORPHITAE Blanchard, 1850: 97 [stem: *Colymbomorph-*]. Type genus: *Colymbomorpha* Blanchard, 1850.

STETHASPIDIDAE H. C. C. Burmeister, 1855: 218 [stem: *Stethaspid-*]. Type genus: *Stethaspis* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1983b)]. Comment: A. B. T. Smith (2006) used “STETHASPINI” as the valid name for this tribe, however, the fact that the genus *Colymbomorpha* is considered to be in this tribe, e.g., Houston and Weir (1992), brings the name COLYMBOMORPHINI into synonymy with STETHASPINI and XYLONICHINI; COLYMBOMORPHINI has nomenclatural priority and should be considered the valid name for this tribe.

XYLONICHINI Britton, 1957: 9 [stem: *Xylonich-*]. Type genus: *Xylonichus* Boisduval, 1835 [as *Xylonychus*, incorrect subsequent spelling of type genus name, not in prevailing usage (see A. B. T. Smith 2006: 166)]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe COMOPHORININI Britton, 1957

COMOPHORINI Britton, 1957: 10 [stem: *Comophorin-*]. Type genus: *Comophorina* Strand, 1928. Comment: incorrect original stem formation, not in prevailing usage.

†Tribe CRETOMELOLONTHINI Nikolajev, 1998

CRETOMELOLONTHINI Nikolajev, 1998: 80 [stem: *Cretomelolonth-*]. Type genus: *Cretomelolontha* Nikolajev, 1998.

Tribe DICHELONYCHINI Burmeister, 1855

DICHELONYCHIDAE H. C. C. Burmeister, 1855: 70 [stem: *Dichelonych-*]. Type genus: *Dichelonyx* Harris, 1827.

Tribe DIPHUCEPHALINI Laporte, 1840

DIPHUCÉPHALITES Laporte, 1840b: 145 [stem: *Diphucephal-*]. Type genus: *Diphucephala* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 125, as DIPHYCOCEPHALOIDAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 165, as DIPHUCEPHALINI).

Tribe DIPHYCERINI Medvedev, 1952

DIPHYCERINI S. I. Medvedev, 1952: 186 [stem: *Diphycer*]. Type genus: *Diphycerus* Deyrolle and Fairmaire, 1878.

Tribe DIPLTAXINI Kirby, 1837

DIPLTAXIDAE Kirby, 1837: 129 [stem: *Diplotax*]. Type genus: *Diplotaxis* Kirby, 1837. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Diplotaxe*-).

APOGONIITAE Blanchard, 1851a: 228 [stem: *Apogoni*]. Type genus: *Apogonia* Kirby, 1819.

LIOGENITAE Blanchard, 1851a: 166 [stem: *Liogeny*]. Type genus: *Liogenys* Guérin-Ménéville, 1831. Comment: incorrect original stem formation, not in prevailing usage.

Tribe EUCHIRINI Hope, 1840

EUCHEIRIDAE Hope, 1840b: 300 [stem: *Euchir*]. Type genus: *Euchirus* Kirby, 1828 [as *Eucheirus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe HETERONYCHINI Lacordaire, 1856

HÉTÉRONYCIDES Lacordaire, 1856: 225 [stem: *Heteronych*]. Type genus: *Heteronyx* Guérin-Ménéville, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bertkau (1890: 277, as HETERONYCHINI), generally accepted as in A. B. T. Smith (2006: 167, as HETERONYCHINI); incorrect original stem formation, not in prevailing usage.

Tribe HOPLIINI Latreille, 1829

HOPLIDES Latreille, 1829a: 563 [stem: *Hopli*]. Type genus: *Hoplia* Illiger, 1803.

Subtribe HOPLIINA Latreille, 1829

HOPLIDES Latreille, 1829a: 563 [stem: *Hopli*]. Type genus: *Hoplia* Illiger, 1803. Comment: incorrect original stem formation, not in prevailing usage.

DICHELIDEN Oken, 1843: 483 [stem: *Dichel*]. Type genus: *Dichelus* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as DICHELIDAE).

GYMNOLOMIDAE H. C. C. Burmeister, 1844: 138 [stem: *Gymnolomat*]. Type genus: *Gymnoloma* Dejean, 1833. Comment: incorrect original stem formation, not in prevailing usage.

HETEROCHELIDAE H. C. C. Burmeister, 1844: 86 [stem: *Heterochel*]. Type genus: *Heterochelus* H. C. C. Burmeister, 1844.

LEPISIIDAE H. C. C. Burmeister, 1844: 166 [stem: *Lepisi*-.] Type genus: *Lepisia* Lepeletier and Audinet-Serville, 1828.

SCELOPHYSIDES Péringuey, 1902: 624 [stem: *Scelophys*-.] Type genus: *Scelophysa* H. C. C. Burmeister, 1844.

*MADAHOPLIINI M. Lacroix, 1997: 21 [stem: *Madahopli*-.] Type genus: *Madahoplia* Lacroix, 1998. Comment: unavailable family-group name, not based on available genus name at the time (see A. B. T. Smith 2006).

Subtribe PACHYCNEMINA Laporte, 1840

PACHYCNÉMIDES Laporte, 1840b: 155 [stem: *Pachycnem*-.] Type genus: *Pachycnema* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Burmeister (1844: 53, as PACHYCNEMIDAE), generally accepted as in A. B. T. Smith (2006: 170, as PACHYCNEMINA).

LEPITRICHIDEN Oken, 1843: 483 [stem: *Lepitrich*-.] Type genus: *Lepitrix* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as LEPITRICHIDAE).

ANISONYCHIDAE H. C. C. Burmeister, 1844: 35 [stem: *Anisonych*-.] Type genus: *Anisonyx* Latreille, 1807. Comment: Lucas (1920: 3) listed “ANISOCHELIDAE H. C. C. Burmeister” in error for “ANISONYCHIDAE H. C. C. Burmeister”; this name is a senior homonym of ANISONYCHINI Legalov, 2003 (type genus *Anisonychus* Voss, 1927) in ATTELABIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe LICHNIINI Burmeister, 1844

LICHNIADAE H. C. C. Burmeister, 1844: 8 [stem: *Lichni*-.] Type genus: *Lichnia* Erichson, 1835.

Tribe LIPARETRINI Burmeister, 1855

LIPARETRIDAE H. C. C. Burmeister, 1855: 187 [stem: *Liparetr*-.] Type genus: *Liparetrus* Guérin-Ménéville, 1831.

HAPLONYCHIDAE H. C. C. Burmeister, 1855: 224 [stem: *Haplonych*-.] Type genus: *Haplonycha* Dejean, 1836 [unjustified emendation of *Aplonycha* by Agassiz (1846b: 29), in prevailing usage and so deemed to be a justified emendation (Article 33.2.3.1) (see A. B. T. Smith 2006: 166); syn. of *Colpochila* Erichson, 1843]. Comment: this name is a senior homonym of HAPLONYCHINI Lacordaire, 1865 (type genus *Haplonyx* Schönherr, 1836) proposed in CURCULIONIDAE and now a synonym of CRYPTOPLINI Lacordaire, 1863; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

ALLARINI Britton, 1955: 125 [stem: *Allar*-.] Type genus: *Allara* Britton, 1955.

COLPOCHILINI Britton, 1957: 10 [stem: *Colpochil-*]. Type genus: *Colpochila* Erichson, 1843.

Tribe MACRODACTYLINI Kirby, 1837

MACRODACTYLIDAE Kirby, 1837: 133 [stem: *Macroductyl-*]. Type genus: *Macroductylus* Dejean, 1821.

CERASPIDIDAE H. C. C. Burmeister, 1855: 91 [stem: *Ceraspid-*]. Type genus: *Ceraspis* Lepeletier and Audinet-Serville, 1828.

DICRANIADAE H. C. C. Burmeister, 1855: 65 [stem: *Dicrani-*]. Type genus: *Dicrania* Lepeletier and Audinet-Serville, 1828.

ISONYCHIDAE H. C. C. Burmeister, 1855: 22 [stem: *Isonych-*]. Type genus: *Isonychus* Mannerheim, 1829.

MICROCRANIADAE H. C. C. Burmeister, 1855: 75 [stem: *Microcrani-*]. Type genus: *Microcrania* H. C. C. Burmeister, 1855.

PLECTRIDAE H. C. C. Burmeister, 1855: 80 [stem: *Plectr-*]. Type genus: *Plectris* Lepeletier and Audinet-Serville, 1828.

*PHILOCHLÉNIDES Lacordaire, 1856: 256 [stem: *Philochloeni-*]. Type genus: *Philochloenia* Dejean, 1833 [as *Philochlaenia*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

CLAVIPALPIDES Lacordaire, 1856: 267 [stem: *Clavipalp-*]. Type genus: *Clavipalpus* Laporte, 1832. Comment: published before 29 March 1856; original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856 [before 25 December]: xi, as CLAVIPALPIDAE), generally accepted as in G. H. Horn (1880e: 147, as CLAVIPALPIDES [treated as Latin]).

Tribe MAECHIDIINI Burmeister, 1855

MAECHIDIINA H. C. C. Burmeister, 1855: 208 [stem: *Maechidi-*]. Type genus: *Maechidius* W. S. MacLeay, 1819.

Tribe MELOLONTHINI Leach, 1819

MELOLONTHIDAE Leach, 1819: 189 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe ENARIINA Dewailly, 1950

ENARINA Dewailly, 1950: 323 [stem: *Enari-*]. Type genus: *Enaria* Erichson, 1847. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe HEPTOPHYLLINA Medvedev, 1951

HEPTOPHYLLINI S. I. Medvedev, 1951: 197 [stem: *Heptophyll-*]. Type genus: *Heptophylla* Motschulsky, 1858.

Subtribe LEUCOPHOLINA Burmeister, 1855

LEUCOPHOLIDAE H. C. C. Burmeister, 1855: 285 [stem: *Leucophol-*]. Type genus: *Leucopholis* Dejean, 1833. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Leucopholid-*).

Subtribe MELOLONTHINA Leach, 1819

*MELOLONTHIDES Baudet-Lafarge, 1809: 12 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Baudet-Lafarge (1809).

MELOLONTHIDAE Leach, 1819: 189 [stem: *Melolonth-*]. Type genus: *Melolontha* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: published in June 1819; this family-group name was also used in the same year by W. S. MacLeay (1819 [November]: 79, as MELOLONTHIDAE).

POLYPHYLLIDAE H. C. C. Burmeister, 1855: 397 [stem: *Polyphyll-*]. Type genus: *Polyphylla* Harris, 1841.

PSILONYCHIDES Péringuey, 1904: 184 [stem: *Psilonych-*]. Type genus: *Psilonychus* H. C. C. Burmeister, 1855.

Subtribe PEGYLINA Lacroix, 1989

PEGYLINI M. Lacroix, 1989: 115 [stem: *Pegyl-*]. Type genus: *Pegylis* Erichson, 1847. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Pegylid-*).

Subtribe RHIZOTROGINA Burmeister, 1855

RHIZOTROGIDAE H. C. C. Burmeister, 1855: 308 [stem: *Rhizotrog-*]. Type genus: *Rhizotrogus* Latreille, 1825.

TOSTEGOPTERAE J. L. LeConte, 1861: 139 [stem: *Tostegopter-*]. Type genus: *Tostegoptera* Blanchard, 1851.

Subtribe SCHIZONYCHINA Burmeister, 1855

SCHIZONYCHIDAE H. C. C. Burmeister, 1855: 265 [stem: *Schizonych-*]. Type genus: *Schizonycha* Dejean, 1833.

Tribe ONCERINI LeConte, 1861

ONCERINI J. L. LeConte, 1861: 133 [stem: *Oncer-*]. Type genus: *Oncerus* J. L. LeConte, 1856.

Tribe PACHYPODINI Erichson, 1840

PACHYPODEN Erichson, 1840b: 29 [stem: *Pachypod-*]. Type genus: *Pachypus* Dejean, 1821 [*nomen protectum*]; this genus name is a junior homonym of *Pachypus* Billberg, 1820 *nomen oblitum*; we provide references to support the conservation of *Pachypus* Dejean, 1821 as the valid name for this genus (Art. 23.9.1) (see Appendix 1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1847a: 100, as PACHYPODA), generally accepted as in A. B. T. Smith (2006: 164, as PACHYPODINI).

Tribe PACHYTRICHINI Burmeister, 1855

PACHYTRICHIADAЕ H. C. C. Burmeister, 1855: 241 [stem: *Pachytrich-*]. Type genus: *Pachytricha* Hope, 1841.

Tribe PHYLLOTOCIDIINI Britton, 1957

PHYLLOTOCIDIINI Britton, 1957: 58 [stem: *Phyllotocidi-*]. Type genus: *Phyllotocidium* Blackburn, 1898.

Tribe PODOLASIINI Howden, 1997

LASIOPODES J. L. LeConte, 1856: 282 [stem: *Lasiopod-*]. Type genus: *Lasiopus* J. L. LeConte, 1856 [preoccupied genus name, not *Lasiopus* Schönherr, 1823 [Coleoptera: CURCULIONIDAE], not *Lasiopus* Geoffroy, 1835 [Mammalia]; syn. of *Podolasia* Harold, 1869]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PODOLASIINI Howden, 1997: 224 [stem: *Podolasi-*]. Type genus: *Podolasia* Harold, 1869.

Tribe SCITALINI Britton, 1957

SCITALINI Britton, 1957: 10 [stem: *Scital-*]. Type genus: *Scitala* Erichson, 1842.

Tribe SERICINI Kirby, 1837

SERICIDAE Kirby, 1837: 128 [stem: *Seric-*]. Type genus: *Serica* W. S. MacLeay, 1819.

Subtribe PHYLLOTOCINA Burmeister, 1855

PHYLLOTOCIDAE H. C. C. Burmeister, 1855: 182 [stem: *Phyllotoc-*]. Type genus: *Phyllotocus* Fisher von Waldheim, 1823.

Subtribe SERICINA Kirby, 1837

SERICIDAE Kirby, 1837: 128 [stem: *Seric-*]. Type genus: *Serica* W. S. MacLeay, 1819. Comment: published 23 October 1837; this family-group name

was also proposed in the same year by Hope (1837 ["31 December"]: 73, 107, as SERICIDAE); Hope (1840a: 112) refers to the publication by Kirby (1837) which is further evidence that the publication by Kirby was published first (see A. B. T. Smith 2006: 165).

OMALOPLIITES Blanchard, 1845a: 212 [stem: *Omalopli-*]. Type genus: *Omaloplia* Schönherr, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [5], as OMALOPLIAEIDAE [incorrect stem formation]), generally accepted as in Blanchard (1853: 129, as OMALOPLIITAE); OMALOPLIITES Blanchard, 1845 treated as unavailable and the first available name based on this type genus listed as HOMALOPLIINA H. C. C. Burmeister, 1855 by A. B. T. Smith (2006: 165). ASTAENIDAE H. C. C. Burmeister, 1855: 123 [stem: *Astaen-*]. Type genus: *Astaena* Erichson, 1847.

Subtribe TROCHALINA Brenske, 1898

TROCHALINAE Brenske, 1898: 354 [stem: *Trochal-*]. Type genus: *Trochalus* Laporte, 1832.

Tribe SERICOIDINI Erichson, 1847

SERICOIDEAE Erichson, 1847a: 102 [stem: *Sericoid-*]. Type genus: *Sericoides* Guérin-Ménéville, 1840.

Tribe SYSTELLOPINI Sharp, 1877

SYSTELLOPIDES Sharp, 1877: 311 [stem: *Systellop-*]. Type genus: *Systellopus* Sharp, 1877. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Systellopod-*).

Tribe TANYPROCTINI Erichson, 1847

TANYPROCTINI Erichson, 1847b: 653 [stem: *Tanyproct-*]. Type genus: *Tanyproctus* Ménétriés, 1832.

Subtribe MACROPHYLLINA Burmeister, 1855

MACROPHYLLIDAE H. C. C. Burmeister, 1855: 447 [stem: *Macrophyll-*]. Type genus: *Macrophylla* Hope, 1837 [syn. of *Aegostheta* Dejean, 1833]. Comment: senior homonym of MACROPHYLLINA Gray, 1866 (type genus *Macrophyllum* Gray, 1838) in Mammalia; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

AEGOSTHETINI Lacroix, 2007: 203 [stem: *Aegosthet-*]. Type genus: *Aegostheta* Dejean, 1833.

Subtribe TANYPROCTINA Erichson, 1847

TANYPROCTINI Erichson, 1847b: 653 [stem: *Tanyproct-*]. Type genus: *Tanyproctus* Ménétriés, 1832.

- ELAPHOCERITAE Blanchard, 1851a: 164 [stem: *Elaphocer*-.] Type genus: *Elaphocera* Gén , 1836. Comment: ELAPHOCERINI no longer has priority over PACHYDEMINI through a reversal of precedence (A. B. T. Smith 2006: 168).
- PACHYDEMIDAE H. C. C. Burmeister, 1855: 437 [stem: *Pachydem*-.] Type genus: *Pachydema* Laporte, 1832. Comment: name conserved over ELAPHOCERINI Blanchard, 1851 as a *nomen protectum* and treated as valid by A. B. T. Smith (2006: 168).
- ACHLOIDAE H. C. C. Burmeister, 1855: 465 [stem: *Achlo*-.] Type genus: *Achloa* Erichson, 1840.
- CEPHALOTRICHIDAE H. C. C. Burmeister, 1855: 433 [stem: *Cephalotrichi*-.] Type genus: *Cephalotrichia* Hope, 1837.
- *LEPTOPODIDAE H. C. C. Burmeister, 1855: 428 [stem: *Leptopod*-.] Type genus: *Leptopus* Walth, 1838 [preoccupied genus name, not *Leptopus* Latreille, 1809 [Hemiptera], not *Leptopus* Rafinesque, 1814 [Pisces], not *Leptopus* Lamarck, 1818 [Crustacea], and not *Leptopus* Fall n, 1823 [Diptera]; syn. of *Elaphocera* G n , 1836]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time.
- SPARRMANNINI P ringuey, 1904: 170 [stem: *Sparrmanni*-.] Type genus: *Sparrmannia* Laporte, 1840 [*nomen protectum*; this genus name is a junior synonym of *Leocaeta* Dejean, 1833 *nomen oblitum* and *Cephalotrichia* Hope, 1837 *nomen oblitum*; we provide references to support the conservation of *Sparrmannia* as the valid name for this genus (Art. 23.9.1) (see Appendix 1); *Sparrmannia* is an incorrect subsequent spelling of *Sparrmannia* Laporte, 1840, in prevailing usage and so deemed to be the correct original spelling (see Evans 1989)]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily RUTELINAE MacLeay, 1819

- RUTELIDAE W. S. MacLeay, 1819: 69 [stem: *Rutel*-.] Type genus: *Rutela* Latreille, 1802. Comment: First Reviser (RUTELINAE MacLeay, 1819 vs ANOPLONGNATHINAE MacLeay, 1819) not determined, current usage maintained.

Tribe ADORETINI Burmeister, 1844

- ADORETIDAE H. C. C. Burmeister, 1844: 466 [stem: *Adoret*-.] Type genus: *Adoretus* Dejean, 1833.

Subtribe ADORETINA Burmeister, 1844

- ADORETIDAE H. C. C. Burmeister, 1844: 466 [stem: *Adoret*-.] Type genus: *Adoretus* Dejean, 1833.
- ADORODOCIINA Ohaus, 1912: 151 [stem: *Adorodoci*-.] Type genus: *Adorodocia* Brenske, 1893.
- ADOROLEPTINA Ohaus, 1912: 151 [stem: *Adorolept*-.] Type genus: *Adoroleptus* Brenske, 1893.

PSEUDADORETINA Ohaus, 1912: 151 [stem: *Pseudadoret-*]. Type genus: *Pseudadoretus* Semenov, 1889.

SCAPHORHINADORETINA Ohaus, 1912: 151 [stem: *Scaphorhinadoret-*]. Type genus: *Scaphorhinadoretus* Ohaus, 1912. Comment: erroneously cited as a new genus originally but correctly listed as a subtribe on p. 426 of the same work.

Subtribe ADORRHINYPTIINA Arrow, 1917

ADORRHINYPTIINI Arrow, 1917: 273 [stem: *Adorrhinypti-*]. Type genus: *Adorrhinyptia* Arrow, 1917.

Subtribe PACHYRHINADORETINA Ohaus, 1912

PACHYRHINADORETINA Ohaus, 1912: 151 [stem: *Pachyrhinadoret-*]. Type genus: *Pachyrhinadoretus* Ohaus, 1912.

Subtribe PRODORETINA Ohaus, 1912

PRODORETINA Ohaus, 1912: 151 [stem: *Prodoret-*]. Type genus: *Prodoretus* Brenske, 1893.

Subtribe TRIGONOSTOMUSINA Ohaus, 1912

TRIGONOSTOMINA Ohaus, 1912: 151 [stem: *Trigonostomus-*]. Type genus: *Trigonostomus* Brenske, 1893 [placed on the Official List of Generic Names in Zoology (ICZN 2009b)]. Comment: *Trigonostomus-* determined to be the correct stem of this name to avoid homonymy with TRIGONOSTOMIDAE Graff, 1905 (type genus *Trigonostomum* Schmidt, 1852) in Platyhelminthes and TRIGONOSTOMUSINA Ohaus, 1912 placed on the Official List of Family-group Names in Zoology (ICZN 2009b).

Tribe ALVARENGIINI Frey, 1975

*PACHYLIDES Lacordaire, 1856: 394 [stem: *Pachyl-*]. Type genus: *Pachylus* H. C. C. Burmeister, 1847 [preoccupied genus name, not *Pachylus* C. L. Koch, 1839 [Arachnida]; syn. of *Ottokelleria* d'Andretta and Martínez, 1957]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if discovered to be available then permanently invalid (Art. 39): based on preoccupied type genus; PACHYLINAE Sørensen, 1884 (type genus *Pachylus* C. L. Koch, 1839) is used as valid in Arachnida.

ALVARENGIINI Frey, 1975: 84 [stem: *Alvarengi-*]. Type genus: *Alvarengius* Frey, 1975.

Tribe ANATISTINI Lacordaire, 1856

ANATISTIDES Lacordaire, 1856: 321 [stem: *Anatist-*]. Type genus: *Anatista* Brême, 1844. Comment: published before 29 March 1856; original vernacular name

available (Art. 11.7.2): first used in latinized form and generally accepted as in Imhoff (1856 [before 25 December]: xi, as ANATISTIDAE).

SPODOCHLAMYDINI Ohaus, 1918: 166 [stem: *Spodochlamyd-*]. Type genus: *Spodochlamys* H. C. C. Burmeister, 1855.

Tribe ANOMALINI Streubel, 1839 *nomen protectum*

ANOMALIDAE Streubel, 1839: 136 [stem: *Anomal-*]. Type genus: *Anomala* Samouelle, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1989d); *Anomala* von Block, 1799 was suppressed for the purposes of the Principle of Priority and the Principle of Homonymy (ICZN 1989d)]. Comment: *nomen protectum* (see A. B. T. Smith 2006: 173).

Subtribe ANISOPLIINA Burmeister, 1844

ANISOPLIADAE H. C. C. Burmeister, 1844: 208 [stem: *Anisopli-*]. Type genus: *Anisoplia* Schönherr, 1817. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe ANOMALINA Streubel, 1839 *nomen protectum*

EUCHLORIDAE Hope, 1839: 67 [stem: *Euchlor-*]. Type genus: *Euchlora* W. S. MacLeay, 1819. Comment: *nomen oblitum* (see A. B. T. Smith 2006: 173).

ANOMALIDAE Streubel, 1839: 136 [stem: *Anomal-*]. Type genus: *Anomala* Samouelle, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1989d); *Anomala* von Block, 1799 was suppressed for the purposes of the Principle of Priority and the Principle of Homonymy (ICZN 1989d)]. Comment: *nomen protectum* (see A. B. T. Smith 2006: 173).

PHYLLURGAEIDAE Gistel, 1848: [5] [stem: *Phyllurg-*]. Type genus: *Phyllurga* Gistel, 1848 [syn. of *Euchlora* W. S. MacLeay, 1819].

DILOPHOCHILINA Ohaus, 1918: 166 [stem: *Dilophochil-*]. Type genus: *Dilophochila* H. W. Bates, 1888.

Subtribe ISOPLIINA Péringuey, 1902

ISOPLIINI Péringuey, 1902: 564 [stem: *Isopli-*]. Type genus: *Isoplia* H. C. C. Burmeister, 1855.

Subtribe LEPTOHOPLIINA Potts, 1974

LEPTHOPLIINI Potts, 1974: 152 [stem: *Leptohopli-*]. Type genus: *Leptohoplia* Saylor, 1935. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe POPILLIINA Ohaus, 1918

POPILLIINA Ohaus, 1918: 133 [stem: *Popilli-*]. Type genus: *Popillia* Dejean, 1821.

Tribe ANOPLGNATHINI MacLeay, 1819

ANOPLGNATHIDAE W. S. MacLeay, 1819: 81 [stem: *Anoplognath-*]. Type genus: *Anoplognathus* Leach, 1815.

Subtribe ANOPLGNATHINA MacLeay, 1819

ANOPLGNATHIDAE W. S. MacLeay, 1819: 81 [stem: *Anoplognath-*]. Type genus: *Anoplognathus* Leach, 1815.

Subtribe BRACHYSTERNINA Burmeister, 1844

BRACHYSTERNIDAE H. C. C. Burmeister, 1844: 455 [stem: *Brachystern-*]. Type genus: *Brachysternus* Guérin-Ménéville, 1831.

Subtribe PHALANGOGONIINA Ohaus, 1918

PHALANGOGONIINA Ohaus, 1918: 176 [stem: *Phalangogoni-*]. Type genus: *Phalangogonia* H. C. C. Burmeister, 1844.

Subtribe PLATYCOELIINA Burmeister, 1844

PLATYCOELIIDAE H. C. C. Burmeister, 1844: 451 [stem: *Platycoeli-*]. Type genus: *Platycoelia* Dejean, 1833.

Subtribe SCHIZOGNATHINA Ohaus, 1918

SCHIZOGNATHINA Ohaus, 1918: 174 [stem: *Schizognath-*]. Type genus: *Schizognathus* Fischer von Waldheim, 1823.

Tribe GENIATINI Burmeister, 1844

GENIATIDAE H. C. C. Burmeister, 1844: 478 [stem: *Geniat-*]. Type genus: *Geniates* Kirby, 1819. Comment: First Reviser (GENIATINI H. C. C. Burmeister, 1844 vs LEUCOTHYREINI H. C. C. Burmeister, 1844) not determined, current usage maintained.

LEUCOTHYREIDAE H. C. C. Burmeister, 1844: 485 [stem: *Leucothyre-*]. Type genus: *Leucothyreus* W. S. MacLeay, 1819.

Tribe RUTELINI MacLeay, 1819

RUTELIDAE W. S. MacLeay, 1819: 69 [stem: *Rutel-*]. Type genus: *Rutela* Latreille, 1802.

Subtribe AREODINA Burmeister, 1844

AREODIDAE H. C. C. Burmeister, 1844: 423 [stem: *Areod-*]. Type genus: *Areoda* W. S. MacLeay, 1819.

Subtribe DESMONYCHINA Arrow, 1917

DESMONYCHINAE Arrow, 1917: 359 [stem: *Desmonych-*]. Type genus: *Desmonyx* Arrow, 1907. Comment: spelled DESMONYCHINAE pp. xiii, 359, 382, but spelled correctly DESMONYCHINAE p. 3 [in key].

Subtribe DIDREPANEPHORINA Ohaus, 1918

DIDREPANOPHORINA Ohaus, 1918: 14 [stem: *Didrepanephor-*]. Type genus: *Didrepanephorus* Wood-Mason, 1878 [as *Didrepanophorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe HETEROSTERNINA Bates, 1888 *nomen protectum*

MACROPNI G. H. Horn, 1867b: 398 [stem: *Macropn-*]. Type genus: *Macropnus* G. H. Horn, 1867. Comment: *nomen oblitum* (see A. B. T. Smith 2006: 171).

HETEROSTERNINAE H. W. Bates, 1888: 286 [stem: *Heterostern-*]. Type genus: *Heterosternus* Dupont, 1832. Comment: *nomen protectum* (see A. B. T. Smith 2006: 171).

Subtribe LASIOCALINA Ohaus, 1918

LASIOCALINA Ohaus, 1918: 30 [stem: *Lasiocal-*]. Type genus: *Lasiocala* Blanchard, 1851.

Subtribe ORYCTOMORPHINA Burmeister, 1847

ORYCTOMORPHIDAE H. C. C. Burmeister, 1847: 28 [stem: *Oryctomorph-*]. Type genus: *Oryctomorphus* Guérin-Ménéville, 1831.

Subtribe PARASTASIINA Burmeister, 1844

PARASTASIIDAE H. C. C. Burmeister, 1844: 368 [stem: *Parastasi-*]. Type genus: *Parastasia* Westwood, 1841.

Subtribe RUTELINA MacLeay, 1819

RUTELIDAE W. S. MacLeay, 1819: 69 [stem: *Rutel-*]. Type genus: *Rutela* Latreille, 1802.

CHASMODIIDAE H. C. C. Burmeister, 1844: 333 [stem: *Chasmodi-*]. Type genus: *Chasmodia* W. S. MacLeay, 1819.

CHRY SOPHORIDAE H. C. C. Burmeister, 1844: 412 [stem: *Chrysophor-*]. Type genus: *Chrysophora* Dejean, 1821.

MACRASPIDIDAE H. C. C. Burmeister, 1844: 343 [stem: *Macraspid-*]. Type genus: *Macraspis* W. S. MacLeay, 1819.

PELIDNOTIDAE H. C. C. Burmeister, 1844: 388 [stem: *Pelidnot-*]. Type genus: *Pelidnota* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 2003b)].

ANTICHIRIDES Lacordaire, 1856: 341 [stem: *Anticheir-*]. Type genus: *Anticheira* Eschscholtz, 1818 [as *Antichira*, unjustified emendation of type genus name by Agassiz (1846b: 27), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in H. W. Bates (1888: 262, as ANTICHIRINA); incorrect original stem formation, not in prevailing usage.

PLUSIOTINA H. W. Bates, 1888: 276 [stem: *Plusiotid*]-. Type genus: *Plusiotis* H. C. C. Burmeister, 1844. Comment: incorrect original stem formation, not in prevailing usage.

FRUHSTORFERIINA Ohaus, 1918: 43 [stem: *Fruhstorferi*]-. Type genus: *Fruhstorferia* Kolbe, 1894.

Subfamily DYNASTINAE MacLeay, 1819

DYNASTIDAE W. S. MacLeay, 1819: 64 [stem: *Dynast*]-. Type genus: *Dynastes* W. S. MacLeay, 1819.

Tribe AGAOCEPHALINI Burmeister, 1847

AGAOCEPHALIDAE H. C. C. Burmeister, 1847: 280 [stem: *Agaocephal*]-. Type genus: *Agaocephala* Lepeletier and Audinet-Serville, 1828 [as *Agacephala*, incorrect subsequent spelling for *Agacephala*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1) (see A. B. T. Smith 2006)].

Tribe CYCLOCEPHALINI Laporte, 1840

CYCLOCEPHALITES Laporte, 1840b: 124 [stem: *Cyclocephal*]-. Type genus: *Cyclocephala* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: xi, as CYCLOCEPHALIDAE), generally accepted as in A. B. T. Smith (2006: 175, as CYCLOCEPHALINI).

CHALEPIDAE H. C. C. Burmeister, 1847: 71 [stem: *Chalep*]-. Type genus: *Chalepus* W. S. MacLeay, 1819 [preoccupied genus name, not *Chalepus* Thunberg, 1805 [Coleoptera: CHRYSOMELIDAE]; syn. of *Dyscinetus* Harold, 1869]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; this family-group name is a senior homonym of CHALEPINI Weise, 1910 (type genus *Chalepus* Thunberg, 1805) currently used as valid in CHRYSOMELIDAE.

PELTONOTINI Arrow, 1917: 27 [stem: *Peltonot*]-. Type genus: *Peltonotus* H. C. C. Burmeister, 1847.

ACROBOLBIINA Ohaus, 1918: 13 [stem: *Acrobolbi*]-. Type genus: *Acrobolbia* Ohaus, 1912.

Tribe DYNASTINI MacLeay, 1819

DYNASTIDAE W. S. MacLeay, 1819: 64 [stem: *Dynast*]-. Type genus: *Dynastes* W. S. MacLeay, 1819.

XYLOTRUPIDAE Hope, 1838b: 319 [stem: *Xylotrup*]-. Type genus: *Xylotrupes* Hope, 1837.

MEGASOMINAE Swainson, 1840: 210 [stem: *Megasomat*]-. Type genus: *Megasoma* Kirby, 1825. Comment: family-group name attributed to Imhoff (1856) in A. B. T. Smith (2006: 175); incorrect original stem formation, not in prevailing usage.

Tribe HEXODONTINI Lacordaire, 1856

HEXODONTIDES Lacordaire, 1856: 391 [stem: *Hexodont*]-. Type genus: *Hexodon* A. G. Olivier, 1789. Comment: published before 29 March 1856; original

vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856 [before 25 December]: xi, as HEXODONTIDAE), generally accepted as in Arrow (1937: 4, as HEXODONTINI).

Tribe ORYCTINI Mulsant, 1842

ORYCTÉSAIRES Mulsant, 1842: 372 [stem: *Oryct-*]. Type genus: *Oryctes* Illiger, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by MacDonald (1845: 185, as ORYCTESIAE [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 175, as ORYCTINI); incorrect original stem formation, not in prevailing usage.

MEGACERIDAE H. C. C. Burmeister, 1847: 212 [stem: *Megacerat-*]. Type genus: *Megaceras* Hope, 1837. Comment: incorrect original stem formation, not in prevailing usage.

STRATEGIDAE H. C. C. Burmeister, 1847: 87 [stem: *Strateg-*]. Type genus: *Strategus* Kirby, 1828.

Tribe ORYCTODERINI Endrödi, 1966

ORYCTODERINI Endrödi, 1966: 25 [stem: *Oryctoder-*]. Type genus: *Oryctoderus* Boisdual, 1835.

Tribe PENTODONTINI Mulsant, 1842

PENTODONAIRES Mulsant, 1842: 381 [stem: *Pentodont-*]. Type genus: *Pentodon* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2003b)].

Subtribe CHEIROPLATINA Carne, 1957

CHEIROPLATINA Carne, 1957: 61 [stem: *Cheiroplat-*]. Type genus: *Cheiroplatys* Hope, 1837. Comment: Casey (1915a) cites “Cheiropatids” several times within the PENTODONTINI without formally erecting a subtribe; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cheiroplate-*).

Subtribe DIPELICINA Carne, 1957

DIPELICINA Carne, 1957: 117 [stem: *Dipelic-*]. Type genus: *Dipelicus* Hope, 1843.

Subtribe PENTODONTINA Mulsant, 1842

PENTODONAIRES Mulsant, 1842: 381 [stem: *Pentodont-*]. Type genus: *Pentodon* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2003b)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1888: 314, as PENTODONTINAE), generally accepted as in A. B. T. Smith (2006: 176, as PENTODONTINA); incorrect original stem formation, not in prevailing usage.

CALICNÉMIENS Mulsant, 1842: 386 [stem: *Calicnemid*-.]. Type genus: *Callicnemis* Laporte, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by MacDonald (1845: 185, as CALLICNEMIAE [incorrect stem formation]) and generally accepted as in Acloque (1896: 267, as CALICNEMISII) and Houlbert (1922b: 225, as CALLICNEMINI [incorrect stem formation]); name attributed to Blanchard (1845a) and treated as unavailable by A. B. T. Smith (2006: 168); incorrect original stem formation, not in prevailing usage.

BOTHYNIDAE H. C. C. Burmeister, 1847: 90 [stem: *Bothyn*-.]. Type genus: *Bothynus* Hope, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2008a)].

PIMELOPODEA H. C. C. Burmeister, 1847: 172 [stem: *Pimelopod*-.]. Type genus: *Pimelopus* Erichson, 1842.

PODALGIDAE H. C. C. Burmeister, 1847: 90 [stem: *Podalg*-.]. Type genus: *Podalgus* H. C. C. Burmeister, 1847 [placed on the Official List of Generic Names in Zoology (ICZN 2004a)].

METANASTINA Carne, 1957: 32 [stem: *Metanast*-.]. Type genus: *Metanastes* Arrow, 1911.

Subtribe PSEUDORYCTINA Carne, 1957

PSEUDORYCTINA Carne, 1957: 121 [stem: *Pseudoryct*-.]. Type genus: *Pseudoryctes* Sharp, 1873.

Tribe PHILEURINI Burmeister, 1847

PHILEURIDAE H. C. C. Burmeister, 1847: 138 [stem: *Phileur*-.]. Type genus: *Phileurus* Latreille, 1807. Comment: usage of this name conserved over CRYPTODINI H. C. C. Burmeister and Schaum, 1840 (Art. 35.5).

Subtribe CRYPTODINA Burmeister and Schaum, 1840

CRYPTODINAE H. C. C. Burmeister and Schaum, 1840: 360 [stem: *Cryptod*-.]. Type genus: *Cryptodus* MacLeay, 1819. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cryptodont*-); conservation of original stem avoids homonymy problems with CRYPTODONTIDAE Dall, 1895 (type genus *Cryptodon* Turton, 1822) in Mollusca: Bivalvia and CRYPTODONTINA Lacordaire, 1856 (type genus *Cryptodontes* H. C. C. Burmeister, 1847) in SCARABAEIDAE: CETONIINAE: TRICHIINI.

Subtribe PHILEURINA Burmeister, 1847

PHILEURIDAE H. C. C. Burmeister, 1847: 138 [stem: *Phileur*-.]. Type genus: *Phileurus* Latreille, 1807.

Subfamily CETONIINAE Leach, 1815

CETONIDA Leach, 1815: 99 [stem: *Cetoni-*]. Type genus: *Cetonia* Fabricius, 1775.

Comment: A. B. T. Smith (2006: 177) noted that although CETONIINAE has priority over MELOLONTHINAE, the latter is in prevailing usage at the family level and must not be displaced by the older name under Article 35.5 (only relevant in cases where authors consider MELOLONTHIDAE to be a family containing the subfamily CETONIINAE).

Tribe CETONIINI Leach, 1815

CETONIDA Leach, 1815: 99 [stem: *Cetoni-*]. Type genus: *Cetonia* Fabricius, 1775.

Subtribe CETONIINA Leach, 1815

CETONIDA Leach, 1815: 99 [stem: *Cetoni-*]. Type genus: *Cetonia* Fabricius, 1775.

ELAPHINI Schoch, 1894: 175 [stem: *Elaphin-*]. Type genus: *Elaphinis* H. C. C. Burmeister, 1842.

GLYCYPHANAE Schoch, 1894: 175 [stem: *Glycyphan-*]. Type genus: *Glycyphana* H. C. C. Burmeister, 1842.

PACHNODII Péringuey, 1907: 371 [stem: *Pachnod-*]. Type genus: *Pachnoda* H. C. C. Burmeister, 1842.

TEPHRAEIDES Schenkling, 1921: 313 [stem: *Tephrae-*]. Type genus: *Tephraea* H. C. C. Burmeister, 1842.

Subtribe EUPHORIINA Horn, 1880

EUPHORIAE G. H. Horn, 1880c: 397 [stem: *Euphori-*]. Type genus: *Euphoria* H. C. C. Burmeister, 1842. Comment: name attributed to Schoch (1894) by A. B. T. Smith (2006: 182).

Subtribe LEUCOCELINA Kraatz, 1882

LEUCOCELIDEN Kraatz, 1882b: 65 [stem: *Leucocel-*]. Type genus: *Leucocelis* H. C. C. Burmeister, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schoch (1894: 213, as LEUCOCELIDAE), generally accepted as in A. B. T. Smith (2006: 182, as LEUCOCELINA); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Leucocelid-*).

Tribe CREMASTOCHEILINI Burmeister and Schaum, 1841

CREMASTOCHILIDAE H. C. C. Burmeister and Schaum, 1841: 243 [stem: *Cremas-tocheil-*]. Type genus: *Cremastocheilus* Knoch, 1801. Comment: usage of this name conserved over MACROMINI H. C. C. Burmeister and Schaum, 1840 (Art. 35.5).

Subtribe ASPILINA Krikken, 1984

ASPILINA Krikken, 1984: 25, in key [stem: *Aspil-*]. Type genus: *Aspilus* Westwood in Schaum, 1848.

Subtribe COENOCILINA Burmeister, 1842

COENOCILIDAE H. C. C. Burmeister, 1842: 148 [stem: *Coenochil-*]. Type genus: *Coenochilus* Schaum, 1841.

Subtribe CREMASTOCHEILINA Burmeister and Schaum, 1841

CREMASTOCHEILIDAE H. C. C. Burmeister and Schaum, 1841: 243 [stem: *Cremastocheil-*]. Type genus: *Cremastocheilus* Knoch, 1801. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe CYMOPHORINA Krikken, 1984

CYMOPHORINA Krikken, 1984: 23, in key [stem: *Cymophor-*]. Type genus: *Cymophorus* Kirby, 1827.

Subtribe GENUCHINA Krikken, 1984

GENUCHINA Krikken, 1984: 21, in key [stem: *Genuch-*]. Type genus: *Genuchus* Kirby, 1825.

Subtribe GOLIATHOPSIDINA Krikken, 1984

GOLIATHOPSIDINA Krikken, 1984: 25, in key [stem: *Goliathopsid-*]. Type genus: *Goliathopsis* Janson, 1881. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Goliathopse-*).

Subtribe HETEROGENIINA Krikken, 1984

HETEROGENIINA Krikken, 1984: 25, in key [stem: *Heterogeni-*]. Type genus: *Heterogenius* Moser, 1911.

Subtribe LISSOGENIINA Krikken, 1984

LISSOGENIINA Krikken, 1984: 25, in key [stem: *Lissogeni-*]. Type genus: *Lissogenius* Schaum, 1845.

Subtribe MACROMINA Burmeister and Schaum, 1840

MACROMINAE H. C. C. Burmeister and Schaum, 1840: 360 [stem: *Macrom-*]. Type genus: *Macroma* Gory and Percheron, 1833 [syn. of *Campsiura* Hope, 1831]. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Macromat-*).

Subtribe NYASSININA Krikken, 1984

NYASSININA Krikken, 1984: 25, in key [stem: *Nyassin-*]. Type genus: *Nyassinus* Westwood, 1879.

Subtribe OPLOSTOMINA Krikken, 1984

OPLOSTOMINA Krikken, 1984: 23, in key [stem: *Oplostom-*]. Type genus: *Oplostomus* W. S. MacLeay, 1838.

Subtribe PILINURGINA Krikken, 1984

PILINURGINA Krikken, 1984: 25, in key [stem: *Pilinurg-*]. Type genus: *Pilinurgus* H. C. C. Burmeister, 1842.

Subtribe SPILOPHORINA Krikken, 1984

SPILOPHORINA Krikken, 1984: 25, in key [stem: *Spilophor-*]. Type genus: *Spilophorus* Westwood in Schaum, 1848. Comment: this family-group name is a junior homonym of SPILOPHORINI Chapuis, 1875 (type genus *Spilophora* Boheman, 1850) currently used as valid in CHRYSOMELIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Subtribe TELOCHILINA Krikken, 1984

TELOCHILINA Krikken, 1984: 21, in key [stem: *Telochil-*]. Type genus: *Telochilus* Krikken, 1975.

Subtribe TRICHOPLINA Krikken, 1984

TRICHOPLINA Krikken, 1984: 23, in key [stem: *Trichopl-*]. Type genus: *Trichoplus* H. C. C. Burmeister, 1842.

Subtribe TROGODINA Krikken, 1984

TROGODINA Krikken, 1984: 27, in key [stem: *Trogod-*]. Type genus: *Trogodes* Westwood, 1874.

Tribe DIPLOGNATHINI Burmeister, 1842

DIPLOGNATHIDAE H. C. C. Burmeister, 1842: 617 [stem: *Diplognath-*]. Type genus: *Diplognatha* Gory and Percheron, 1833.

PORPHYRONOTII Péringuey, 1907: 371 [stem: *Porphyronot-*]. Type genus: *Porphyronota* H. C. C. Burmeister, 1842.

Tribe GOLIATHINI Latreille, 1829

GOLIATHIDES Latreille, 1829a: 571 [stem: *Goliath-*]. Type genus: *Goliathus* Lamarck, 1801. Comment: name attributed to Griffith and Pidgeon (1832: 492) in A. B. T. Smith (2006: 181).

Subtribe CORYPHOCERINA Burmeister, 1842

CORYPHOCERIDAE H. C. C. Burmeister, 1842: 215 [stem: *Coryphocer*-.] Type genus: *Coryphocera* H. C. C. Burmeister, 1842.

HETERORRHINIDAE Kraatz, 1880a: 21 [stem: *Heterorhin*-.] Type genus: *Heterorhina* Westwood, 1842 [as *Heterorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

CERATORRHINIDAE Kraatz, 1880a: 18 [stem: *Ceratorhin*-.] Type genus: *Ceratorhina* Westwood, 1843 [as *Ceratorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BOTHRORRHINAE Schoch, 1894: 173 [stem: *Bothrorrhin*-.] Type genus: *Bothrorrhina* H. C. C. Burmeister, 1842.

GNATHOCERIDAE Schoch, 1894: 170 [stem: *Gnathocer*-.] Type genus: *Gnathocera* Kirby, 1825.

ISCHNOSCELI Schoch, 1894: 170 [stem: *Ischnoscelid*-.] Type genus: *Ischnoscelis* H. C. C. Burmeister, 1842. Comment: incorrect original stem formation, not in prevailing usage.

RHOMBORRHINAE Schoch, 1894: 171 [stem: *Rhomborhin*-.] Type genus: *Rhomborhina* Hope, 1837 [as *Rhomborrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TMESORRHINAE Schoch, 1894: 170 [stem: *Tmesorhin*-.] Type genus: *Tmesorhina* Westwood, 1842.

COELORRHINAE Schoch, 1895: iii [stem: *Coelorrhin*-.] Type genus: *Coelorrhina* Hope, 1841 [*Coelorrhina* is an incorrect subsequent spelling for *Caelorrhina* in prevailing usage, and so deemed to be the correct original spelling (Article 33.3.1) (see A. B. T. Smith 2006: 181)].

MECYNORRHININA Schenkling, 1921: 15 [stem: *Mecynorhin*-.] Type genus: *Mecynorhina* Hope, 1837 [as *Mecynorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

STEPHANORRHININA Schenkling, 1921: 35 [stem: *Stephanorhin*-.] Type genus: *Stephanorrhina* H. C. C. Burmeister, 1842.

Subtribe DICRONOCEPHALINA Krikken, 1984

DICRONOCEPHALINA Krikken, 1984: 37, in key [stem: *Dicronocephal*-.] Type genus: *Dicronocephalus* Hope, 1831 [*Dicronocephalus* is an incorrect subsequent spelling for *Dicranocephalus*, since the incorrect subsequent spelling is in prevailing usage, it is now considered the correct original spelling of the name under Article 33.3.1; the original spelling placed the name in homonymy with *Dicranocephalus* Hahn, 1826 (Hemiptera) but usage of the

subsequent spelling as the correct spelling avoids this homonymy problem (see A. B. T. Smith 2006)].

Subtribe GOLIATHINA Latreille, 1829

GOLIATHIDES Latreille, 1829a: 571 [stem: *Goliath-*]. Type genus: *Goliathus* Lamarck, 1801. Comment: name attributed to Griffith and Pidgeon (1832) in A. B. T. Smith (2006: 181).

HYPSELOGENIAE Schoch, 1894: 169 [stem: *Hypselogeni-*]. Type genus: *Hypselogenia* H. C. C. Burmeister, 1840.

Subtribe ICHNESTOMATINA Burmeister, 1842

ISCHNOSTOMIDAE H. C. C. Burmeister, 1842: 600 [stem: *Ichnestomat-*]. Type genus: *Ichnestoma* Gory and Percheron, 1833 [as *Ichnostoma*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe GYMNETINI Kirby, 1827

GYMNETIDAE Kirby, 1827: 150 [stem: *Gymnet-*]. Type genus: *Gymnetis* W. S. MacLeay, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1967a)].

Subtribe BLAESIINA Schoch, 1895

BLAESIAE Schoch, 1895: iii [stem: *Blaesi-*]. Type genus: *Blaesia* H. C. C. Burmeister, 1842.

Subtribe GYMNETINA Kirby, 1827

GYMNETIDAE Kirby, 1827: 150 [stem: *Gymnet-*]. Type genus: *Gymnetis* W. S. MacLeay, 1819. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Gymnetid-*).

CLINTERIIDAE Kraatz, 1882a: 49 [stem: *Clinteri-*]. Type genus: *Clinteria* H. C. C. Burmeister, 1842.

STETHODESMAE Schoch, 1894: 172 [stem: *Stethodesmat-*]. Type genus: *Stethodesma* Bainbridge, 1841. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PHAEDIMINI Schoch, 1894

PHAEDIMI Schoch, 1894: 169 [stem: *Phaedim-*]. Type genus: *Phaedimus* Westwood, 1841.

Tribe SCHIZORHININI Burmeister, 1842

SCHIZORRHINIDAE H. C. C. Burmeister, 1842: 530 [stem: *Schizorhin-*]. Type genus: *Schizorhina* Kirby, 1825. Comment: First Reviser (LOMAPTERINI H. C. C. Burmeister, 1842 vs MACRONOTINI H. C. C. Burmeister, 1842 vs SCHIZ-

ORRHININI H. C. C. Burmeister, 1842) not determined, current usage maintained.

Subtribe LOMAPTERINA Burmeister, 1842

LOMAPTERIDAE H. C. C. Burmeister, 1842: 310 [stem: *Lomapter*-.] Type genus: *Lomaptera* Gory and Percheron, 1833. Comment: First Reviser (LOMAPTERINA H. C. C. Burmeister, 1842 vs MACRONOTINA H. C. C. Burmeister, 1842) not determined, current usage maintained.

MACRONOTIDAE H. C. C. Burmeister, 1842: 318 [stem: *Macronot*-.] Type genus: *Macronota* Hoffmannsegg, 1817.

Subtribe SCHIZORRHININA Burmeister, 1842

SCHIZORRHINIDAE H. C. C. Burmeister, 1842: 530 [stem: *Schizorhin*-.] Type genus: *Schizorhina* Kirby, 1825 [as *Schizorrhina*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

DIAPHONIADAE Kraatz, 1880b: 195 [stem: *Diaphoni*-.] Type genus: *Diaphonia* Newman, 1840.

EUPOECILIDAE Kraatz, 1880b: 188 [stem: *Eupoecil*-.] Type genus: *Eupoecila* H. C. C. Burmeister, 1842.

HEMIPHARIDAE Kraatz, 1880b: 182 [stem: *Hemiphar*-.] Type genus: *Hemipharis* H. C. C. Burmeister, 1842.

Tribe STENOTARSIINI Kraatz, 1880

STENOTARSIDEN Kraatz, 1880b: 182 [stem: *Stenotarsi*-.] Type genus: *Stenotarsia* H. C. C. Burmeister, 1842.

Subtribe ANOCHILIINA Krikken, 1984

*ANOCHILIENS Pouillaude, 1917: 54 [stem: *Anochili*-.] Type genus: *Anochilia* H. C. C. Burmeister, 1842. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

ANOCHILIINA Krikken, 1984: 31, in key [stem: *Anochili*-.] Type genus: *Anochilia* H. C. C. Burmeister, 1842.

Subtribe COPTOMIINA Schenkling, 1921

COPTOMIINI Schenkling, 1921: 147 [stem: *Coptomi*-.] Type genus: *Coptomia* H. C. C. Burmeister, 1842.

Subtribe CHROMOPTILIINA Krikken, 1984

CHROMOPTILIINA Krikken, 1984: 31, in key [stem: *Chromoptili*-.] Type genus: *Chromoptilia* Westwood, 1842.

Subtribe DORYSCELINA Schenkling, 1921

*DORYSCELIENS Pouillaude, 1917: 53, in key [stem: *Doryscel-*]. Type genus: *Doryscelis* Dejean, 1836. Comment: original vernacular name unavailable (Art. 11.7.2); proposed after 1899.

DORYSCELINA Schenkling, 1921: 148 [stem: *Doryscel-*]. Type genus: *Doryscelis* Dejean, 1836. Comment: name attributed to Krikken (1984) by A. B. T. Smith (2006: 180); current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Doryscelid-*).

Subtribe EUCHROEINA Paulian and Descarpentries, 1982

*EUCHROEENS Pouillaude, 1917: 64 [stem: *Euchroe-*]. Type genus: *Euchroea* H. C. C. Burmeister, 1842. Comment: original vernacular name unavailable (Art. 11.7.2); proposed after 1899; the author also used the incorrect spelling *Euchaeus* in the key on page 54.

EUCHROEINA Paulian and Descarpentries, 1982: 5 [stem: *Euchroe-*]. Type genus: *Euchroea* H. C. C. Burmeister, 1842. Comment: the name EUCHROEIDAE Dahlbom, 1854 (type genus *Euchroeus* Latreille, 1809) is available in Hymenoptera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Subtribe HETEROPHANINA Schoch, 1894

HETEROPHANA Schoch, 1894: 173 [stem: *Heterophan-*]. Type genus: *Heterophana* H. C. C. Burmeister, 1842.

Subtribe HETEROSOMATINA Krikken, 1984

HETEROSOMATINA Krikken, 1984: 29, in key [stem: *Heterosomat-*]. Type genus: *Heterosoma* Schaum, 1845.

Subtribe PANTOLIINA Krikken, 1984

*PANTOLIENS Pouillaude, 1917: 54 [stem: *Pantoli-*]. Type genus: *Pantolia* H. C. C. Burmeister, 1842. Comment: original vernacular name unavailable (Art. 11.7.2); proposed after 1899.

PANTOLIINA Krikken, 1984: 33, in key [stem: *Pantoli-*]. Type genus: *Pantolia* H. C. C. Burmeister, 1842.

Subtribe PARACHILIINA Krikken, 1984

PARACHILIINA Krikken, 1984: 33, in key [stem: *Parachili-*]. Type genus: *Parachilia* H. C. C. Burmeister, 1842.

Subtribe STENOTARSINA Kraatz, 1880

STENOTARSIDEN Kraatz, 1880b: 182 [stem: *Stenotarsi-*]. Type genus: *Stenotarsia* H. C. C. Burmeister, 1842. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Jakobson (1915: 961, as

STENOTARSINA [incorrect stem formation]), generally accepted as in A. B. T. Smith (2006: 179, as STENOTARSIINI); incorrect original stem formation, not in prevailing usage.

Tribe TAENIODERINI Mikšić, 1976

TAENIODERINA Mikšić, 1976: 29 [stem: *Taenioder-*]. Type genus: *Taeniodera* H. C. C. Burmeister, 1842. Comment: First Reviser found (TAENIODERINI Mikšić, 1976 vs CHALCOTHEINI Mikšić, 1976) is Krikken (1984: 63).

Subtribe CHALCOTHEINA Mikšić, 1976

CHALCOTHEINA Mikšić, 1976: 357 [stem: *Chalcothe-*]. Type genus: *Chalcothea* H. C. C. Burmeister, 1842.

Subtribe TAENIODERINA Mikšić, 1976

TAENIODERINA Mikšić, 1976: 29 [stem: *Taenioder-*]. Type genus: *Taeniodera* H. C. C. Burmeister, 1842.

Tribe TRICHIINI Fleming, 1821

TRICHIADAE Fleming, 1821: 50 [stem: *Trichi-*]. Type genus: *Trichius* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2004c)]. Comment: TRICHIINAE Lozek, 1956 (type genus *Trichia* Hartmann, 1840) proposed in Mollusca: Gastropoda is a junior homonym of this family-group name; TRICHIINAE Lozek, 1956 was recently placed on the Official index of Rejected and Invalid Family-Group Names in Zoology (ICZN 2004c).

Subtribe CRYPTODONTINA Lacordaire, 1856

CRYPTODONTIDES Lacordaire, 1856: 462 [stem: *Cryptodont-*]. Type genus: *Cryptodontes* H. C. C. Burmeister, 1847. Comment: published before 29 March 1856; original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856 [before 25 December]: xii, as CRYPTODONTIDAE), generally accepted as in A. B. T. Smith (2006: 177, as CRYPTODONTINA); the name CRYPTODONTIDAE Dall, 1895 (type genus *Cryptodon* Turton, 1822) is available in Mollusca: Bivalvia while the name CRYPTODONTIDAE Owen, 1860 used in Therapsida is unavailable because it is not based on an available genus-group name; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Subtribe INCINA Burmeister, 1842

INCADAE H. C. C. Burmeister, 1842: 704 [stem: *Inc-*]. Type genus: *Inca* Lepeletier and Audinet-Serville, 1828.

Subtribe OSMODERMATINA Schenkling, 1922

OSMODERMINI Schenkling, 1922: 3 [stem: *Osmodermat-*]. Type genus: *Osmoderma* Lepeletier and Audinet-Serville, 1828 [placed on the Official List of Generic Names in Zoology (ICZN 2007)]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe PLATYGENIINA Krikken, 1984

PLATYGENIINI Krikken, 1984: 18, in key [stem: *Platygeni-*]. Type genus: *Platygenia* W. S. MacLeay, 1819.

Subtribe TRICHIINA Fleming, 1821

*TRICHIDES Baudet-Lafarge, 1809: 34 [stem: *Trichi-*]. Type genus: *Trichius* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2004c)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Baudet-Lafarge (1809); incorrect original stem formation, not in prevailing usage.

TRICHIADAE Fleming, 1821: 50 [stem: *Trichi-*]. Type genus: *Trichius* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2004c)].

PANISCIDAE Gistel, 1848: [5] [stem: *Panisc-*]. Type genus: *Paniscus* Gistel, 1848 [preoccupied genus name, not *Paniscus* Schrank, 1802 (Hymenoptera); Gistel (1848: [5]) originally included *Scarabaeus fasciatus* Linnaeus, 1758 and *Trichius zonatus* Germar, 1831 in his genus *Paniscus*, we hereby select *Scarabaeus fasciatus* Linnaeus, 1758 as the type species of *Paniscus* Gistel, 1848; **syn. nov.** of *Trichius* Fabricius, 1775]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ELPIDIDES Péringuey, 1907: 314 [stem: *Elpid-*]. Type genus: *Elpidus* Péringuey, 1907.

MYODERMINI Péringuey, 1907: 313 [stem: *Myoderm-*]. Type genus: *Myodermium* H. C. C. Burmeister and Schaum, 1840.

Tribe VALGINI Mulsant, 1842

VALGUAIRES Mulsant, 1842: 519 [stem: *Valg-*]. Type genus: *Valgus* Scriba, 1790.

Subtribe MICROVALGINA Kolbe, 1904

MICROVALGINAE Kolbe, 1904: 10 [stem: *Microvalg-*]. Type genus: *Microvalgus* Kraatz, 1883.

Subtribe VALGINA Mulsant, 1842

VALGUAIRES Mulsant, 1842: 519 [stem: *Valg-*]. Type genus: *Valgus* Scriba, 1790. Comment: published before 6 August 1842; original vernacular

name available (Art. 11.7.2): used in latinized form by several authors, generally accepted as in A. B. T. Smith (2006: 177, as VALGINI); this family-group name was also used in the same year by Burmeister (1842 [before 28 December]: 718, as VALGIDAE); incorrect original stem formation, not in prevailing usage.

ACANTHOVALGINAE Kolbe, 1904: 11 [stem: *Acanthovalg-*]. Type genus: *Acanthovalgus* Kraatz, 1895.

COSMOVALGINAE Kolbe, 1904: 11 [stem: *Cosmovalg-*]. Type genus: *Cosmovalgus* Kolbe, 1897.

DASYVALGINAE Kolbe, 1904: 11 [stem: *Dasyvalg-*]. Type genus: *Dasyvalgus* Kolbe, 1904.

ISCHNOVALGINAE Kolbe, 1904: 9 [stem: *Ischnovalg-*]. Type genus: *Ischnovalgus* Kolbe, 1897.

SPHINCTOVALGINAE Kolbe, 1904: 9 [stem: *Sphinctovalg-*]. Type genus: *Sphinctovalgus* Kolbe, 1904.

Tribe XIPHOSCELIDINI Burmeister, 1842

XIPHOSCELIDAE H. C. C. Burmeister, 1842: 613 [stem: *Xiphoscelid-*]. Type genus: *Xiphoscelis* H. C. C. Burmeister, 1842. Comment: incorrect original stem formation, not in prevailing usage.

†Family COPRINISPHAERIDAE Genise, 2004

COPRINISPHAERIDAE Genise, 2004: 426 [stem: *Coprinisphaer-*]. Type genus: *Coprinisphaera* Sauer, 1955 [placed on the Official List of Generic Names in Zoology and given precedence over *Fontanai* Roselli, 1939 (ICZN 2008b)]. Comment: ichnotaxon based on dung beetle burrows.

†Family PALLICHNIDAE Genise, 2004

PALLICHNIDAE Genise, 2004: 432 [stem: *Pallichn-*]. Type genus: *Pallichnus* Retallack, 1984. Comment: ichnotaxon based on dung beetle burrows.

Series ELATERIFORMIA

Superfamily SCIRTOIDEA Fleming, 1821

SCIRTESIDAE Fleming, 1821: 50 [stem: *Scirt-*]. Type genus: *Scirtes* Illiger, 1807. Comment: as pointed out by Lawrence and Newton (1995: 838) the name SCIRTOIDEA Fleming, 1821 has priority over CLAMBOIDEA Fischer von Waldheim, 1821.

Family DECLINIIDAE Nikitsky, Lawrence, Kirejtshuk and Gratshev, 1994

DECLINIIDAE Nikitsky et al., 1994: 7 [stem: *Declini-*]. Type genus: *Declinia* Nikitsky et al., 1994.

Family EUCINETIDAE Lacordaire, 1857

EUCINETIDES Lacordaire, 1857: 281 [stem: *Eucinet-*]. Type genus: *Eucinetus* Germar, 1818. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 181, as EUCINETINI), generally accepted as in Hansen (1996: 135, as EUCINETIDAE).

CRYPTOMERIDAE Broun, 1893: 1358 [stem: *Cryptomer-*]. Type genus: *Cryptomera* Broun, 1893 [syn. of *Eucinetus* Germar, 1818].

Family CLAMBIDAE Fischer von Waldheim, 1821

CLAMBINI Fischer von Waldheim, 1821: 52 [stem: *Clamb-*]. Type genus: *Clambus* Fischer von Waldheim, 1821.

Subfamily CALYPTOMERINAE Crowson, 1955

CALYPTOMERIDAE Crowson, 1955: 11 [stem: *Calyptomer-*]. Type genus: *Calyptomerus* Redtenbacher, 1849.

Subfamily ACALYPTOMERINAE Crowson, 1979

ACALYPTOMERINAE Crowson, 1979: 612, in key [stem: *Acalyptomer-*]. Type genus: *Acalyptomerus* Crowson, 1979.

Subfamily CLAMBINAE Fischer von Waldheim, 1821

CLAMBINI Fischer von Waldheim, 1821: 52 [stem: *Clamb-*]. Type genus: *Clambus* Fischer von Waldheim, 1821.

Family SCIRTIDAE Fleming, 1821

SCIRTESIDAE Fleming, 1821: 50 [stem: *Scirt-*]. Type genus: *Scirtes* Illiger, 1807.

†SINODRYOPITIDAE Hong, 2002: 107 [stem: *Sinodryopit-*]. Type genus: *Sinodryopites* Hong, 2002. Comment: originally described in BYRRHOIDEA; synonymy with SCIRTIDAE by Kirejtshuk and Azar (2008: 29).

Subfamily SCIRTINAE Fleming, 1821

SCIRTESIDAE Fleming, 1821: 50 [stem: *Scirt-*]. Type genus: *Scirtes* Illiger, 1807.

Comment: incorrect original stem formation, not in prevailing usage.

CYPHONIDAE Stephens, 1829a: 11 [stem: *Cyphon-*]. Type genus: *Cyphon* Paykull, 1799.

ELODIIDAE Shuckard, 1839b: 41 [stem: *Elod-*]. Type genus: *Elodes* Latreille, 1797.

Comment: incorrect original stem formation, not in prevailing usage.

ATOPIDINI Pic, 1914: 16 [stem: *Atopid-*]. Type genus: *Atopida* A. White, 1846.

Subfamily NIPPONOCYPHONINAE Lawrence and Yoshitomi, 2007

NIPPONOCYPHONINAE Lawrence and Yoshitomi, 2007: 522 [stem: *Nipponocyphon-*].

Type genus: *Nipponocyphon* Lawrence and Yoshitomi, 2007.

Subfamily STENOCYPHONINAE Lawrence and Yoshitomi, 2007

STENOCYPHONINAE Lawrence and Yoshitomi, 2007: 522 [stem: *Stenocyphon*]. Type genus: *Stenocyphon* Lawrence, 2001.

†Family ELODOPHTHALMIDAE Kirejtshuk and Azar, 2008

ELODOPHTHALMIDAE Kirejtshuk and Azar, 2008: 24 [stem: *Elodophthalm*]. Type genus: *Elodophthalmus* Kirejtshuk and Azar, 2008.

†Family MESOCINETIDAE Kirejtshuk and Ponomarenko, 2010

MESOCINETIDAE Kirejtshuk and Ponomarenko, 2010: 304 [stem: *Mesocinet*]. Type genus: *Mesocinetus* Ponomarenko, 1986.

Superfamily DASCILLOIDEA Guérin-Ménéville, 1843 (1834)

DASCILLIDAE Guérin-Ménéville, 1843: 193 [stem: *Dascill*]. Type genus: *Dascillus* Latreille, 1797. Comment: usage of younger name conserved over ATOPOIDEA Laporte, 1834 (Art. 40.2); although RHIPICEROIDEA is also an older name for this superfamily, its use for a taxon including the families DASCILLIDAE (including KARUMIINAE) and RHIPICERIDAE is likely to cause some confusion and we therefore continue to use DASCILLOIDEA as valid; the concept of RHIPICEROIDEA has varied among authors, Crowson (1953) used RHIPICEROIDEA for the families RHIPICERIDAE and CALLIRHIPIDAE, which are not now considered to form a monophyletic group, and DASCILLOIDEA for DASCILLIDAE plus those families now included in SCIRTOIDEA; the family group name SANDALIDAE (which is a junior synonym of RHIPICERIDAE) was used by Craighead (1921) and Böving and Craighead (1931) for RHIPICERIDAE in the strict sense, while Emden (1924, 1931, 1933) used the same name for a family which also included those genera now placed in CALLIRHIPIDAE; Crowson (1971, 1973b) proposed a reconstituted DASCILLOIDEA for DASCILLIDAE plus RHIPICERIDAE (sensu stricto) and excluded CALLIRHIPIDAE from RHIPICEROIDEA and placed it in another superfamily ARTEMATOPOIDEA (along with ARTEMATOPIDAE (now ARTEMATOPODIDAE) and BRACHYPSECTRIDAE); finally, the evidence for placing DASCILLIDAE and RHIPICERIDAE in the same superfamily is not convincing (especially when the larvae are taken into account) so it is quite possible that DASCILLOIDEA in the sense of Crowson (1971) may cease to exist when more evidence is presented.

Family DASCILLIDAE Guérin-Ménéville, 1843 (1834)

DASCILLIDAE Guérin-Ménéville, 1843: 193 [stem: *Dascill*]. Type genus: *Dascillus* Latreille, 1797.

Subfamily DASCILLINAE Guérin-Ménéville, 1843 (1834)

DASCILLINAE Guérin-Ménéville, 1843: 193 [stem: *Dascill*]. Type genus: *Dascillus* Latreille, 1797.

Tribe CINNABARIINI Pic, 1914

CINNABARIINI Pic, 1914: 15 [stem: *Cinnabari*-.] Type genus: *Cinnabarium* Fairmaire, 1895 [syn. of *Coptocera* Murray, 1868].

Tribe DASCILLINI Guérin-Méneville, 1843 (1834)

ATOPITES Laporte, 1834a: 227 [stem: *Atop*-]. Type genus: *Atopa* Paykull, 1799 [syn. of *Dascillus* Latreille, 1797]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Laporte (1836: 21, as ATOPIDAE).

DASCILLIDAE Guérin-Méneville, 1843: 193 [stem: *Dascill*-]. Type genus: *Dascillus* Latreille, 1797. Comment: name proposed to replace ATOPIDAE Laporte, 1834 because of the synonymy of the type genus; usage of younger name conserved over ATOPINI Laporte, 1834 (Art. 40.2) (see Lawrence and Newton 1995).

Subfamily KARUMIINAE Escalera, 1913

KARUMINAE Escalera, 1913: 320 [stem: *Karumi*-.] Type genus: *Karumia* Escalera, 1913.

Tribe EMMITINI Escalera, 1914

EMMINAE Escalera, 1913: 318 [stem: *Emm*-.] Type genus: *Emma* Escalera, 1913 [preoccupied genus name, not *Emma* Gray, 1843 [Bryozoa]; syn. of *Emmita* Escalera, 1914]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EMMITINAE Escalera, 1914a: 349 [stem: *Emmit*-.] Type genus: *Emmita* Escalera, 1914. Comment: replacement name for EMINAE Escalera, 1913 because of the homonymy of the type genus.

Tribe ESCALERININI Paulus, 1972

ESCALERINI Paulus, 1972a: 49, in key [stem: *Escalerin*-.] Type genus: *Escalerina* Bolívar, 1926. Comment: incorrect original stem formation, not in prevailing usage.

Tribe GENECERINI Pic, 1914

GENECERINI Pic, 1914: 16 [stem: *Genecer*-.] Type genus: *Genecerus* Walker, 1871.

Tribe KARUMIINI Escalera, 1913

KARUMINAE Escalera, 1913: 320 [stem: *Karumi*-.] Type genus: *Karumia* Escalera, 1913. Comment: incorrect original stem formation, not in prevailing usage.

ZARUDNIOLIDAE Semenov and Martynov, 1925: 74 [stem: *Zarudniol*-.] Type genus: *Zarudniola* Semenov and Martynov, 1925 [syn. of *Karumia* Escalera, 1913].

Family RHIPICERIDAE Latreille, 1834

RHIPICERIDES Latreille, 1834: 167 [stem: *Rhipicer*-.] Type genus: *Rhipicera* Latreille, 1816. Comment: published in issue 1 of volume 3 of the Annales de la Société

Entomologique de France; this family-group name was also used in the same year by Laporte (1834a: 226, as RHIPICÉRITES) in issue 2 of volume 3 of the same journal. SANDALIDAE Jakobson, 1913: 729 [stem: *Sandal-*]. Type genus: *Sandalus* Knoch, 1801.

Superfamily BUPRESTOIDEA Leach, 1815

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

Family SCHIZOPODIDAE LeConte, 1859

SCHIZOPODIDAE J. L. LeConte, 1859b: 122 [stem: *Schizopod-*]. Type genus: *Schizopus* J. L. LeConte, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1993d)].

Subfamily SCHIZOPODINAE LeConte, 1859

SCHIZOPODIDAE J. L. LeConte, 1859b: 122 [stem: *Schizopod-*]. Type genus: *Schizopus* J. L. LeConte, 1858 [placed on the Official List of Generic Names in Zoology (ICZN 1993d)].

Tribe DYSTAXINI Théry, 1929

DYSTAXINI Théry, 1929: 60 [stem: *Dystaxi-*]. Type genus: *Dystaxia* J. L. LeConte, 1866. Comment: incorrect original stem formation, not in prevailing usage.

GLYPTOSCELMORPHINI Cobos, 1963: 354 [stem: *Glyptoscelimorph-*]. Type genus: *Glyptoscelimorpha* G. H. Horn, 1893.

†Tribe ELECTRAPATINI Iablokoff-Khnzorian, 1962

ELECTRAPATIDAE Iablokoff-Khnzorian, 1962: 87 [stem: *Electrapat-*]. Type genus: *Electrapate* Iablokoff-Khnzorian, 1962.

Tribe SCHIZOPODINI LeConte, 1859

SCHIZOPODIDAE J. L. LeConte, 1859b: 122 [stem: *Schizopod-*]. Type genus: *Schizopus* J. L. LeConte, 1858 [*Schizopus* J. L. LeConte, 1858 has precedence over *Schizopus* Claparède et Lachman, 1858 and was placed on the Official List of Generic Names in Zoology (ICZN 1993d)].

Family BUPRESTIDAE Leach, 1815

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

Subfamily JULODINAE Lacordaire, 1857

JULODIDES Lacordaire, 1857: 10 [stem: *Julod-*]. Type genus: *Julodis* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized

form by J. L. LeConte (1861: 154, as JULODINI), generally accepted as in Bellamy (2008a: 23, as JULODINAE).

STERNOCERINI Csiki, 1904: 132 [stem: *Sternocer-*]. Type genus: *Sternocera* Eschscholtz, 1829.

AMBLYSTERNINI Cobos, 1955: 22, in key [stem: *Amblystern-*]. Type genus: *Amblysterna* Saunders, 1871.

Subfamily POLYCESTINAE Lacordaire, 1857

POLYCESTIDES Lacordaire, 1857: 61 [stem: *Polycest-*]. Type genus: *Polycesta* Dejean, 1833.

Tribe ACMAEODERINI Kerremans, 1893

ACMAEODERINI Kerremans, 1893: 112 [stem: *Acmaeoder-*]. Type genus: *Acmaeodera* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 2005b)].

Subtribe ACMAEODERINA Kerremans, 1893

ACMAEODERINI Kerremans, 1893: 112 [stem: *Acmaeoder-*]. Type genus: *Acmaeodera* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 2005b)].

Subtribe ACMAEODEROIDINA Cobos, 1955

ACMAEODEROIDINI Cobos, 1955: 15 [stem: *Acmaeoderoid-*]. Type genus: *Acmaeoderoides* Van Dyke, 1942.

Subtribe NOTHOMORPHINA Cobos, 1955

NOTHOMORPHINI Cobos, 1955: 17 [stem: *Nothomorph-*]. Type genus: *Nothomorpha* Saunders, 1871 [as *Notomorpha*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: Cobos (1955: 23) also used the spelling NOTHOMORPHINI in his original paper, this is considered a misspelling since he listed the type genus name as *Notomorpha*; incorrect original stem formation, not in prevailing usage.

ACMAEODERINI *incertae sedis*

*ODETTEINA Volkovitsh, 2001: 52, 91 [stem: *Odette-*]. Type genus: *Odettea* Baudon, 1966. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe ASTRAEINI Cobos, 1980

ASTRAEUSINI Cobos, 1980: 28 [stem: *Astrae-*]. Type genus: *Astraeus* Laporte and Gory, 1838 [placed on the Official List of Generic Names in Zoology (ICZN 1966)]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe BULINI Bellamy, 1995

BULISINA Bellamy, 1995: 173 [stem: *Bul-*]. Type genus: *Bulis* Laporte and Gory, 1838. Comment: incorrect original stem formation, not in prevailing usage; stem correction by Bellamy (1996: 222).

Tribe HAPLOSTETHINI LeConte, 1861

HAPLOSTETHINI J. L. LeConte, 1861: 155 [stem: *Haplosteth-*]. Type genus: *Haplostethus* J. L. LeConte, 1860.

MASTOGENINI J. L. LeConte and G. H. Horn, 1883: 199 [stem: *Mastogeni-*]. Type genus: *Mastogenius* Solier, 1849. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PARATRACHEINI Cobos, 1980

PARATRACHYSAE Cobos, 1980: 47 [stem: *Paratrache-*]. Type genus: *Paratrachys* Saunders, 1873. Comment: here we adopt the stem *Paratrache-* since the correct stem for the genus *Trachys*, with the same ending, was recently determined to be *Trache-* (ICZN 2009a).

Tribe PERUCOLINI Cobos, 1980

PERUCOLINI Cobos, 1980: 81 [stem: *Perucol-*]. Type genus: *Perucola* Théry, 1925.

Tribe POLYCESTINI Lacordaire, 1857

POLYCESTIDES Lacordaire, 1857: 61 [stem: *Polycest-*]. Type genus: *Polycesta* Dejean, 1833.

Subtribe POLYCESTINA Lacordaire, 1857

POLYCESTIDES Lacordaire, 1857: 61 [stem: *Polycest-*]. Type genus: *Polycesta* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 62, as POLYCESTINI), generally accepted as in Bellamy (2008a: 23, as POLYCESTINI).

Subtribe XENOPSEINA Volkovitsh, 2008

XENOPSINA Volkovitsh, 2008: 628 [stem: *Xenopse-*]. Type genus: *Xenopsis* Saunders, 1867. Comment: incorrect original stem formation, not in prevailing usage.

Tribe POLYCTESINI Cobos, 1955

POLYCTESINI Cobos, 1955: 6 [stem: *Polyctes-*]. Type genus: *Polyctesis* Marseul, 1865. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Polyctese-*).

Tribe PROSPHERINI Cobos, 1980

PROSPHERESINI Cobos, 1980: 84 [stem: *Prosphe-*]. Type genus: *Prosppheres* Saunders, 1868. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PTOSIMINI Kerremans, 1903

PTOSIMITES Kerremans, 1903: 37 [stem: *Prosim-*]. Type genus: *Prosimia* Dejean, 1833.

Tribe THRINCOPYGINI LeConte, 1861

THRINCOPYGINI J. L. LeConte, 1861: 154 [stem: *Thrincopyg-*]. Type genus: *Thrincopyge* J. L. LeConte, 1858.

Tribe TYNDARIDINI Cobos, 1955

TYNDARINI Cobos, 1955: 11 [stem: *Tyndarid-*]. Type genus: *Tyndaris* J. Thomson, 1857.

Subtribe MIMICOCYTRININA Bellamy, 2003

ACHERUSINI Cobos, 1955: 24, in key [stem: *Acherusi-*]. Type genus: *Acherusia* Laporte and Gory, 1838 [preoccupied genus name, not *Acherusia* Costa, 1834 [Crustacea]; syn. of *Mimicocytrina* Bellamy, 2003]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MIMICOCYTRININA Bellamy, 2003: 25 [stem: *Mimicocytrin-*]. Type genus: *Mimicocytrina* Bellamy, 2003. Comment: replacement name for ACHERUSIINA Cobos, 1955 because of the homonymy of the type genus.

Subtribe PSEUDACHERUSIINA Cobos, 1980

PSEUDACHERUSINI Cobos, 1980: 78 [stem: *Pseudacherusi-*]. Type genus: *Pseudacherusia* Kerremans, 1905. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TYLAUCHENIINA Cobos, 1959

TYLACHENIAE Cobos, 1959: 4 [stem: *Tylaucheni-*]. Type genus: *Tylauchenia* H. C. C. Burmeister, 1872 [syn. of *Ocypetes* Saunders, 1871]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TYNDARIDINA Cobos, 1955

TYNDARINI Cobos, 1955: 11 [stem: *Tyndarid-*]. Type genus: *Tyndaris* J. Thomson, 1857. Comment: incorrect original stem formation, not in prevailing usage.

Tribe XYROSCELIDINI Cobos, 1955

XIROSCELINI Cobos, 1955: 19 [stem: *Xyroscelid-*]. Type genus: *Xyroscelis* Saunders, 1868 [as *Xiroscelis*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily GALBELLINAE Reitter, 1911

GALBELLINAE Reitter, 1911: 178 [stem: *Galbell-*]. Type genus: *Galbella* Westwood, 1848.

Subfamily CHRYSOCHROIINAE Laporte, 1835

CHRYSOCHROIDAE Laporte, 1835b: 158 [stem: *Chrysochroa*]. Type genus: *Chrysochroa* Dejean, 1833.

Tribe CHRYSOCHROIINI Laporte, 1835

CHRYSOCHROIDAE Laporte, 1835b: 158 [stem: *Chrysochroa*]. Type genus: *Chrysochroa* Dejean, 1833.

Subtribe CHALCOPHORINA Lacordaire, 1857 (1848)

ANAGLYPTISIDAE Gistel, 1848: [5] [stem: *Anaglypt*]. Type genus: *Anaglyptes* Gistel, 1848 [syn. of *Chalcophora* Dejean, 1833]. Comment: senior homonym of ANAGLYPTINI Lacordaire, 1868 (type genus *Anaglyptus* Mulsant, 1839) in CERAMBYCIDAE; incorrect original stem formation, not in prevailing usage; the younger name CHALCOPHORINA Lacordaire, 1857 is conserved over this name (Art. 40.2).

CHALCOPHORIDES Lacordaire, 1857: 14 [stem: *Chalcophor*]. Type genus: *Chalcophora* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 151, as CHALCOPHORAE), generally accepted as in Bellamy (2008a: 23, as CHALCOPHORINA); name conserved over the older name ANAGLYPTINA Gistel, 1848 (Art. 40.2).

*CHRYSODEMIDES H. Deyrolle, 1865: 11 [stem: *Chrysodem*]. Type genus: *Chrysodema* Laporte and Gory, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2004b)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to H. Deyrolle (1865).

CHRYSODEMIDES Kerremans, 1892: 49 [stem: *Chrysodem*]. Type genus: *Chrysodema* Laporte and Gory, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 2004b)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Skinner (1892: 124, as CHRYSODEMIDAE).

CHALCOPHORELLINI Tôyama, 1986: 189 [stem: *Chalcophorell*]. Type genus: *Chalcophorella* Kerremans, 1903.

IRIDOTAENINI Tôyama, 1987: 5 [stem: *Iridotaeni*]. Type genus: *Iridotaenia* Deyrolle, 1864 [placed on the Official List of Generic Names in Zoology (ICZN 2004b)]. Comment: incorrect original stem formation, not in prevailing usage.

LAMPROPEPLINA Holyński, 1993: 22 [stem: *Lampropepl*]. Type genus: *Lampropepla* Fairmaire, 1904 [syn. of *Madecassia* Kerremans, 1903].

Subtribe CHRYSOCHROIINA Laporte, 1835

CHRYSOCHROIDAE Laporte, 1835b: 158 [stem: *Chrysochroa*]. Type genus: *Chrysochroa* Dejean, 1833.

CATOXANTHINA Jakobson, 1913: 772 [stem: *Catoxanth-*]. Type genus: *Catoxantha* Solier, 1833.

Subtribe EUCALLOPISTINA Bellamy, 2003

CALLOPISTINA Kurosawa, 1990: 63 [stem: *Callopest-*]. Type genus: *Callopestus* Deyrolle, 1864 [preoccupied genus name, not *Callopestus* Say, 1831 [Coleoptera: CURCULIONIDAE]; syn. of *Eucallopistus* Bellamy, 2003]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUCALLOPISTINA Bellamy, 2003: 31 [stem: *Eucallopist-*]. Type genus: *Eucallopistus* Bellamy, 2003. Comment: replacement name for CALLOPISTINA Kurosawa, 1990 because of the homonymy of the type genus.

Tribe DICERCINI Gistel, 1848

DICERCAEIDAE Gistel, 1848: [5] [stem: *Dicerc-*]. Type genus: *Dicerca* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: First Reviser found (DICERCINI Gistel, 1848 vs POLYBOTHIRISINI Gistel, 1848) is Bellamy (2008b: 819).

Subtribe DICERCINA Gistel, 1848

DICERCAEIDAE Gistel, 1848: [5] [stem: *Dicerc-*]. Type genus: *Dicerca* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: incorrect original stem formation, not in prevailing usage.

POLYBOTHIRISIDAE Gistel, 1848: [5] [stem: *Polybothrid-*]. Type genus: *Polybothris* Spinola, 1837. Comment: incorrect original stem formation, not in prevailing usage.

PSILOPTÉRIDES Lacordaire, 1857: 26 [stem: *Psilopter-*]. Type genus: *Psiloptera* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1858: 72, as PSILOPTERITAE), generally accepted as in Bellamy (2002: 61, as PSILOPTERINI).

CAPNODINA Jakobson, 1913: 779 [stem: *Capnod-*]. Type genus: *Capnodis* Eschscholtz, 1829.

Subtribe HAPLOTRINCHINA Holyński, 1993

HAPLOTRINCHINA Holyński, 1993: 27 [stem: *Haplotrinch-*]. Type genus: *Haplotrinchus* Kerremans, 1903.

Subtribe HIPPELOMELANINA Holyński, 1993

HIPELOMELANINA Holyński, 1993: 24 [stem: *Hippomelan-*]. Type genus: *Hippomelas* Gory and Laporte, 1837.

Subtribe PSEUDOPEROTINA Tōyama, 1987

PSEUDOPEROTINA Tōyama, 1987: 4 [stem: *Pseudoperot-*]. Type genus: *Pseudoperotis* Obenberger, 1936.

Tribe EVIDINI Tōyama, 1987

EVIDINI Tōyama, 1987: 6 [stem: *Evid-*]. Type genus: *Evides* Dejean, 1833.

Tribe PARALEPTODEMINI Cobos, 1975

PARALEPTODEMINI Cobos, 1975: 88 [stem: *Paraleptodem-*]. Type genus: *Paraleptodema* Obenberger, 1936 [syn. of *Cinyra* Laporte and Gory, 1837].

Subtribe EUCHROMATINA Holyński, 1993

EUCHROMATINA Holyński, 1993: 23 [stem: *Euchromat-*]. Type genus: *Euchroma* Dejean, 1833.

Subtribe EUPLECTALECIINA Holyński, 1993

EUPLECTALECIINA Holyński, 1993: 24 [stem: *Euplectaleci-*]. Type genus: *Euplectalecia* Obenberger, 1924.

Subtribe HYPOPRASINA Holyński, 1993

HYPOPRASINA Holyński, 1993: 23 [stem: *Hypopras-*]. Type genus: *Hypoprasis* Fairmaire and Germain, 1864. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Hypoprase-*).

Subtribe PARALEPTODEMINA Cobos, 1975

PARALEPTODEMINI Cobos, 1975: 88 [stem: *Paraleptodem-*]. Type genus: *Paraleptodema* Obenberger, 1936 [syn. of *Cinyra* Laporte and Gory, 1837].
CINYRINI Cobos, 1979a: 226 [stem: *Cinyr-*]. Type genus: *Cinyra* Gory and Laporte, 1837.

Subtribe PRISTIPTERINA Holyński, 1993

PRISTIPTERINA Holyński, 1993: 23 [stem: *Pristipter-*]. Type genus: *Pristiptera* Dejean, 1833 [syn. of *Pelecopselaphus* Solier, 1833].

Tribe PARATASSINI Bílý and Volkovitsh, 1996

PARATASSINI Bílý and Volkovitsh, 1996: 329 [stem: *Paratass-*]. Type genus: *Paratassa* Marseul, 1882.

Tribe POECILONOTINI Jakobson, 1913

POECILONOTINA Jakobson, 1913: 773 [stem: *Poecilonot-*]. Type genus: *Poecilonota* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996a)].

Subtribe POECILONOTINA Jakobson, 1913

POECILONOTINA Jakobson, 1913: 773 [stem: *Poecilonot-*]. Type genus: *Poecilonota* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996a)].

Subtribe NESOTRINCHINA Bílý, Kubáň and Volkovitsh, 2009

NESOTRINCHINA Bílý et al., 2009: 750 [stem: *Nesotrinch-*]. Type genus: *Nesotrinchus* Obenberger, 1924.

Tribe SPHENOPTERINI Lacordaire, 1857

SPHÉNOPTÉRIDES Lacordaire, 1857: 68 [stem: *Sphenopter-*]. Type genus: *Sphenoptera* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Stein (1868: 62, as SPHENOPTERINI), generally accepted as in Bellamy (2008a: 23, as SPHENOPTERINI).

Tribe VADONAXIINI Descarpentries, 1970

VADONAXIINI Descarpentries, 1970: 188 [stem: *Vadonaxi-*]. Type genus: *Vadonaxia* Descarpentries, 1970.

Subfamily BUPRESTINAE Leach, 1815

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

Tribe ACTENODINI Gistel, 1848

ACTENODEIDAE Gistel, 1848: [5] [stem: *Actenod-*]. Type genus: *Actenodes* Dejean, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 2002b)]. Comment: name previously attributed to Kerremans (1890) in the literature; incorrect original stem formation, not in prevailing usage.

BELIONOTINA Jakobson, 1913: 793 [stem: *Belionot-*]. Type genus: *Belionota* Eschscholtz, 1829.

Tribe ANTHAXIINI Gory and Laporte, 1839

ANTHAXIDAE Gory and Laporte, 1839: unnumbered page [stem: *Anthaxi-*]. Type genus: *Anthaxia* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 2002c)]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe BUBASTINI Obenberger, 1920

BUBASTINI Obenberger, 1920: 89 [stem: *Bubast-*]. Type genus: *Bubastes* Laporte and Gory, 1838.

Tribe BUPRESTINI Leach, 1815

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)].

Subtribe AGAEOCERINA Nelson, 1982

AGAEOCERINI Nelson, 1982: 440 [stem: *Agaeocer-*]. Type genus: *Agaeocera* Saunders, 1871.

Subtribe BUPRESTINA Leach, 1815

BUPRESTIDES Leach, 1815: 85 [stem: *Buprest-*]. Type genus: *Buprestis* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Buprestid-*).

ANCYLOCHIRINA Jakobson, 1913: 787 [stem: *Ancylochir-*]. Type genus: *Ancylochira* Eschscholtz, 1829 [subgenus of *Buprestis* Linnaeus, 1758].

Subtribe LAMPROCHEILINA Holyński, 1993

LAMPROCHEILINA Holyński, 1993: 13 [stem: *Lamprocheil-*]. Type genus: *Lamprocheila* Saunders, 1871.

Subtribe TRACHYKELINA Holyński, 1988

TRACHYKELINA Holyński, 1988: 51, in key [stem: *Trachykel-*]. Type genus: *Trachykele* Marseul, 1865.

Tribe CHRYSOBOTHRINI Gory and Laporte, 1836

CHRYSOBOTHRIDAE Gory and Laporte, 1836: [1] [stem: *Chrysobothr-*]. Type genus: *Chrysobothris* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1994e)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Chrysobothrid-*).

Tribe COOMANIELLINI Bílý, 1974

COOMANIELLINI Bílý, 1974: 41 [stem: *Coomaniell-*]. Type genus: *Coomaniella* Bourgoin, 1924.

Tribe CURIDINI Holyński, 1988

CURIDINA Holyński, 1988: 52, in key [stem: *Curid-*]. Type genus: *Curis* Gory and Laporte, 1837 [syn. of *Selagis* Dejean, 1836 (also see ICZN 2008c)]. Comment: First Reviser (CURIDINI Holyński, 1988 vs NEOCURIDINI Holyński, 1988) not determined, current usage maintained.

Subtribe ANILARINA Bílý, 2000

ANILARINI Bílý, 2000: 113 [stem: *Anilar-*]. Type genus: *Anilara* Saunders, 1868.

Subtribe CURIDINA Holyński, 1988

CURIDINA Holyński, 1988: 52, in key [stem: *Curid-*]. Type genus: *Curis* Gory and Laporte, 1837 [syn. of *Selagis* Dejean, 1836 (also see ICZN 2008c)].

Subtribe NEOCURIDINA Holyński, 1988

NEOCURIDINA Holyński, 1988: 52, in key [stem: *Neocurid-*]. Type genus: *Neocuris* Saunders, 1868.

Tribe EPISTOMENTINI Levey, 1978

EPISTOMENTINI Levey, 1978: 155 [stem: *Epistoment-*]. Type genus: *Epistomentis* Solier, 1849.

Tribe EXAGISTINI Tōyama, 1987

EXAGISTINI Tōyama, 1987: 2 [stem: *Exagist-*]. Type genus: *Exagistus* Deyrolle, 1864.

Tribe JULODIMORPHINI Kerremans, 1903

JULODIMORPHITES Kerremans, 1903: 16 [stem: *Julodimorph-*]. Type genus: *Julodimorpha* Harold, 1869.

Tribe KISANTHOBIINI Richter, 1949

KISANTHOBIINI Richter, 1949: 215 [stem: *Kisanthobi-*]. Type genus: *Kisanthobia* Marseul, 1865.

Tribe MAORAXIINI Holyński, 1984

MAORAXIINI Holyński, 1984: 106 [stem: *Maoraxi-*]. Type genus: *Maoraxia* Obenberger, 1937.

Tribe MELANOPHILINI Bedel, 1921

MELANOPHILINI Bedel, 1921: 171 [stem: *Melanophil-*]. Type genus: *Melanophila* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1996b)].

Tribe MELOBASEINI Bílý, 2000

MELOBASINI Bílý, 2000: 113 [stem: *Melobase-*]. Type genus: *Melobasis* Gory and Laporte, 1837. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MENDIZABALIINI Cobos, 1968

MENDIZABALIINI Cobos, 1968: 19 [stem: *Mendizabali*-.]. Type genus: *Mendizabilia* Cobos, 1957.

Tribe NASCIONINI Holyński, 1988

NASCIONINA Holyński, 1988: 51, in key [stem: *Nascion*-.]. Type genus: *Nascio* Laporte and Gory, 1838 [placed on the Official List of Generic Names in Zoology (ICZN 2002b)].

Tribe PHRIXIINI Cobos, 1975

PHRIXIINI Cobos, 1975: 102 [stem: *Phrxi*-.]. Type genus: *Phrxi*a Deyrolle, 1864.

Tribe PTEROBOTHRINI Volkovitsh, 2001

PTEROBOTHRINI Volkovitsh, 2001: 86, 103 [stem: *Pterobothr*-.]. Type genus: *Pterobothris* Fairmaire and Germain, 1858. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Pterobothrid*-).

Tribe STIGMODERINI Lacordaire, 1857

STIGMODÉRIDES Lacordaire, 1857: 52 [stem: *Stigmoder*-.]. Type genus: *Stigmodera* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Wallace (1860: 183, as STIGMODERIDAE), generally accepted as in Bellamy (2008a: 23, as STIGMODERINI).

Tribe THOMASSETIINI Bellamy, 1987

THOMASSETIINI Bellamy, 1987: 223 [stem: *Thomasseti*-.]. Type genus: *Thomassetia* Théry, 1928.

Subtribe PHILANTHAXIINA Holyński, 1988

PHILANTHAXIINA Holyński, 1988: 51, in key [stem: *Philanthaxi*-.]. Type genus: *Philanthaxia* Deyrolle, 1864.

Subtribe THOMASSETIINA Bellamy, 1987

THOMASSETIINI Bellamy, 1987: 223 [stem: *Thomasseti*-.]. Type genus: *Thomassetia* Théry, 1928.

Tribe TRIGONOGENIINI Cobos, 1956

TRIGONOGENIINI Cobos, 1956: 72 [stem: *Trigonogeni*-.]. Type genus: *Trigonogenium* Harold, 1869.

Tribe XENORHIPIDINI Cobos, 1986

XENORHIPINI Cobos, 1986: 136 [stem: *Xenorhipid*]. Type genus: *Xenorhipis* J. L. LeConte, 1866. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TRICHINORHIPIDINA Bellamy, 2006

TRICHINORHIPIDINA Bellamy, 2006: 139 [stem: *Trichinorhipid*]. Type genus: *Trichinorhipis* Barr, 1948.

Subtribe XENORHIPIDINA Cobos, 1986

XENORHIPINI Cobos, 1986: 136 [stem: *Xenorhipid*]. Type genus: *Xenorhipis* J. L. LeConte, 1866. Comment: incorrect original stem formation, not in prevailing usage.

BUPRESTINAE *incertae sedis*

†GLAPHYROPTERIDAE Pongrácz, 1935: 541 [stem: *Glaphyropter*]. Type genus: *Glaphyroptera* Heer, 1852. Comment: the older name GLAPHYROPTERIDAE Brauer, 1852 is a collective name for most Neuroptera in the present sense and it is not based on a genus name (Ponomarenko 2009 pers. comm.).

Subfamily AGRILINAE Laporte, 1835

AGRILIDAE Laporte, 1835b: 165 [stem: *Agril*]. Type genus: *Agrilus* Curtis, 1825. Comment: First Reviser (AGRILINAE Laporte, 1835 vs TRACHEINAE Laporte, 1835) not determined, current usage maintained.

Tribe AGRILINI Laporte, 1835

AGRILIDAE Laporte, 1835b: 165 [stem: *Agril*]. Type genus: *Agrilus* Curtis, 1825.

Subtribe AGRILINA Laporte, 1835

AGRILIDAE Laporte, 1835b: 165 [stem: *Agril*]. Type genus: *Agrilus* Curtis, 1825.

Subtribe AMORPHOSTERNINA Cobos, 1974

AMORPHOSTERNINAE Cobos, 1974: 69 [stem: *Amorphostern*]. Type genus: *Amorphosternus* Deyrolle, 1864.

Subtribe AMYIINA Holyński, 1993

AMYIINA Holyński, 1993: 14 [stem: *Amyi*]. Type genus: *Amyia* Saunders, 1871.

Subtribe RHAEBOSCELIDINA Cobos, 1976

*RHAEBOSCELINI Böving and Craighead, 1931: 77 [stem: *Rhaeboscelid*]. Type genus: *Rhaeboscelis* Chevrolat, 1838. Comment: unavailable family-group

name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

RHAEBOSCELIDI Cobos, 1976: 20 [stem: *Rhaeboscelid-*]. Type genus: *Rhaeboscelis* Chevreton, 1838.

Tribe APHANISTICINI Jacquelin du Val, 1859

APHANISTICITES Jacquelin du Val, 1859: 104 [stem: *Aphanistic-*]. Type genus: *Aphanisticus* Latreille, 1810.

Subtribe ANTHAXOMORPHINA Holyński, 1993

ANTHAXOMORPHINA Holyński, 1993: 32 [stem: *Anthaxomorph-*]. Type genus: *Anthaxomorphus* Deyrolle, 1864.

Subtribe APHANISTICINA Jacquelin du Val, 1859

APHANISTICITES Jacquelin du Val, 1859: 104 [stem: *Aphanistic-*]. Type genus: *Aphanisticus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Acloque (1896: 280, as APHANISTICII), generally accepted as in Hansen (1996: 137, as APHANISTICINI).

Subtribe CYLINDROMORPHINA Portevin, 1931

CYLINDROMORPHINI Portevin, 1931: 335 [stem: *Cylindromorph-*]. Type genus: *Cylindromorphus* Kiesenwetter, 1857.

Subtribe CYLINDROMORPHOIDINA Cobos, 1979

CYLINDROMORPHOIDINI Cobos, 1979b: 420, in key [stem: *Cylindromorphoid-*]. Type genus: *Cylindromorphoides* Kerremans, 1903.

Subtribe GERMARICINA Cobos, 1979

GERMARICINI Cobos, 1979b: 420, in key [stem: *Germanic-*]. Type genus: *Germanica* Blackburn, 1887.

Tribe CORAEBINI Bedel, 1921

CORAEBINI Bedel, 1921: 170 [stem: *Coraeb-*]. Type genus: *Coraebus* Gory and Laporte, 1839.

Subtribe AMORPHOSOMATINA Majer, 2000

AMORPHOSOMINA Majer, 2000: 210 [stem: *Amorphosomat-*]. Type genus: *Amorphosoma* Laporte, 1835. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe CISSEINA Majer, 2000

CISSEINA Majer, 2000: 203 [stem: *Cisse-*]. Type genus: *Cisseis* Gory and Laporte, 1839 [syn. of *Diphucrania* Dejean, 1833 (see ICZN 2008c)].

Subtribe CLEMATINA Majer, 2000

CLEMINA Majer, 2000: 215 [stem: *Clemat-*]. Type genus: *Clema* Semenov, 1900. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe CORAEBINA Bedel, 1921

CORAEBINI Bedel, 1921: 170 [stem: *Coraeb-*]. Type genus: *Coraebus* Gory and Laporte, 1839.

Subtribe DISMORPHINA Cobos, 1990

DISMORPHINA Cobos, 1990: 542 [stem: *Dismorph-*]. Type genus: *Dismorpha* Gistel, 1848.

Subtribe ETHONIINA Majer, 2000

ETHONIINA Majer, 2000: 201 [stem: *Ethoni-*]. Type genus: *Ethonion* Kubáň, 2000.

Subtribe GERALIINA Cobos, 1988

GERALIINA Cobos, 1988: 10 [stem: *Gerali-*]. Type genus: *Geralius* Harold, 1869.

Subtribe MELIBOEINA Majer, 2000

MELIBOEINA Majer, 2000: 213 [stem: *Meliboe-*]. Type genus: *Meliboeus* Deyrolle, 1864.

Subtribe SYNECHOCERINA Majer, 2000

SYNECHOCERINA Majer, 2000: 214 [stem: *Synechocer-*]. Type genus: *Synechocera* Deyrolle, 1864.

Subtribe TOXOSCELINA Majer, 2000

TOXOSCELINA Majer, 2000: 207 [stem: *Toxoscel-*]. Type genus: *Toxoscelus* Deyrolle, 1864.

Tribe TRACHEINI Laporte, 1835

TRACHISIDAE Laporte, 1835b: 166 [stem: *Trache-*]. Type genus: *Trachys* Fabricius, 1801 [placed on the Official List of Generic Names in Zoology (ICZN 2009a)]. Comment: correct stem ruled to be *Trache-* and TRACHEIDAE Laporte, 1835 placed on the Official List of Family-Group Names in Zoology (ICZN 2009a).

Subtribe BRACHINA LeConte, 1861

BRACHES J. L. LeConte, 1861: 156 [stem: *Brach-*]. Type genus: *Brachys* Dejean, 1833. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Brache-*).

BRACHYINI Cobos, 1979b: 417, in key [stem: *Brach-*]. Type genus: *Brachys* Dejean, 1833. Comment: family-group name proposed as a new taxon, without reference to BRACHES J. L. LeConte, 1861; incorrect original stem formation, not in prevailing usage.

Subtribe LEIOPLEURINA Holyński, 1993

LEIOPLEURINA Holyński, 1993: 32 [stem: *Leiopleur-*]. Type genus: *Leiopleura* Deyrolle, 1864.

Subtribe PACHYSCHHELINA Böving and Craighead, 1931

PACHYSCHHELINAE Böving and Craighead, 1931: 49, in key [stem: *Pachyschel-*]. Type genus: *Pachyschelus* Solier, 1833.

Subtribe TRACHEINA Laporte, 1835

TRACHISIDAE Laporte, 1835b: 166 [stem: *Trache-*]. Type genus: *Trachys* Fabricius, 1801 [placed on the Official List of Generic Names in Zoology (ICZN 2009a)]. Comment: published before 6 May 1835; correct stem ruled to be *Trache-* and TRACHEIDAE Laporte, 1835 placed on the Official List of Family-Group Names in Zoology (ICZN 2009a); TRACHISIDAE Laporte, 1835 deemed to be an incorrect original spelling and placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology along with subsequent family-group names based on *Trachys* Fabricius (ICZN 2009a); the correct spelling TRACHEIDAE was first used by Gistel (1848: [5]); this family-group name was also used in the same year by Solier (1835c [before 4 May]: c, as TRACHYSIDES).

PHYTOTERADAE Gistel, 1856a: 366 [stem: *Phytoter-*]. Type genus: *Phytotera* Gistel, 1856 [syn. of *Trachys* Fabricius, 1801]. Comment: incorrect original stem formation, not in prevailing usage.

†Subfamily PARATHYREINAE Alexeev, 1994

PARATHYREINAE Alexeev, 1994: 10 [stem: *Parathyre-*]. Type genus: *Parathyrea* Alexeev, 1994.

Superfamily BYRRHOIDEA Latreille, 1804

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Family BYRRHIDAE Latreille, 1804

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subfamily BYRRHINAE Latreille, 1804

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe BYRRHINI Latreille, 1804

BYRRHII Latreille, 1804c: 146 [stem: *Byrrh-*]. Type genus: *Byrrhus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].
Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804a [between 19 August and 17 September]: 190, as BYRRHII).

*TYLICINI Johnson, 1991: 160 [stem: *Tylic-*]. Type genus: *Tylicus* Casey, 1912 [syn. of *Arctobyrrhus* Munster, 1902]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe EXOMELLINI Casey, 1914

EXOMELLINI Casey, 1914a: 378 [stem: *Exomell-*]. Type genus: *Exomella* Casey, 1914.

Tribe MORYCHINI El Moursy, 1961

MORYCHINI El Moursy, 1961: 11 [stem: *Morych-*]. Type genus: *Morychus* Erichson, 1847.

Tribe PEDILOPHORINI Casey, 1912

PEDILOPHORINI Casey, 1912: 4 [stem: *Pedilophor-*]. Type genus: *Pedilophorus* Steffahn, 1843.

Tribe SIMPLOCARIINI Mulsant and Rey, 1869

SIMPLOCARIATES Mulsant and Rey, 1869: 151 [stem: *Simplocari-*]. Type genus: *Simplocaria* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1985c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1912: 14, as SIMPLOCARIINI), generally accepted as in P. J. Johnson (2002b: 115, as SIMPLOCARIINI).

LIOONINI Leng, 1920: 193 [stem: *Lio-*]. Type genus: *Lioon* Casey, 1912. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily SYNCALYPTINAE Mulsant and Rey, 1869

SYNCALYPTAIRES Mulsant and Rey, 1869: 31 [stem: *Syncalyp-*]. Type genus: *Syncalypa* Dillwyn, 1829 [syn. of *Chaetophora* Kirby and Spence, 1817].

Tribe MICROCHAETINI Paulus, 1973

MICROCHAETINI Paulus, 1973: 353, in key [stem: *Microchaet-*]. Type genus: *Microchaetes* Hope, 1834.

Tribe SYNCALYPTINI Mulsant and Rey, 1869

SYNCALYPTAIRES Mulsant and Rey, 1869: 31 [stem: *Syncalypst*]. Type genus: *Syncalypsta* Dillwyn, 1829 [syn. of *Chaetophora* Kirby and Spence, 1817]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Portevin (1931: 290, as SYNCALYPTINI), generally accepted as in Hansen (1996: 138, as SYNCALYPTINAE).

Subfamily AMPHICYRTINAE LeConte, 1861

AMPHICYRTINI J. L. LeConte, 1861: 111 [stem: *Amphicyrt*]. Type genus: *Amphicyrta* Erichson, 1843.

Family ELMIDAE Curtis, 1830

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment: name placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

Subfamily LARAINAE LeConte, 1861

LARINI J. L. LeConte, 1861: 116 [stem: *Lara*]. Type genus: *Lara* J. L. LeConte, 1852 [placed on the Official List of Generic Names in Zoology (ICZN 1988g)].

Tribe LARAINI LeConte, 1861

LARINI J. L. LeConte, 1861: 116 [stem: *Lara*]. Type genus: *Lara* J. L. LeConte, 1852 [placed on the Official List of Generic Names in Zoology (ICZN 1988g)]. Comment: LARAINI J. L. LeConte, 1861 placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Lara-* to avoid homonymy with LARIDAE Rafinesque-Schmaltz, 1815 (type genus *Larus* Linnaeus, 1758) in Aves (ICZN 1988g); LARINI J. L. LeConte, 1861 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1988g).

Tribe POTAMOPHILINI Mulsant and Rey, 1872

*POTAMOPHILES Motschulsky, 1849: 54 [stem: *Potamophil*]. Type genus: *Potamophilus* Germar, 1811. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

POTAMOPHILAIRES Mulsant and Rey, 1872b: 11 [stem: *Potamophil*]. Type genus: *Potamophilus* Germar, 1811. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1904: 99, as POTAMOPHILINI), generally accepted as in Jäch et al. (2006: 432, as POTAMOPHILINI).

Subfamily ELMINAE Curtis, 1830

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment:

placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

Tribe ANCYRONYCHINI Ganglbauer, 1904

ANCYRONYCHINI Ganglbauer, 1904: 108 [stem: *Ancyronych-*]. Type genus: *Ancyronyx* Erichson, 1847.

Tribe ELMINI Curtis, 1830

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm-*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)].

Comment: ELMIDAE Curtis, 1830 placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

Subtribe ELMINA Curtis, 1830

*LIMNIIDAE Stephens, 1828: 104 [stem: *Limni-*]. Type genus: *Limnius* Illiger, 1802. Comment: unavailable family-group name, not based on genus used as valid at the time (see Jäch 1994).

*LIMNIIDAE Stephens, 1829a: 5 [stem: *Limni-*]. Type genus: *Limnius* Illiger, 1802. Comment: unavailable family-group name, not based on genus used as valid at the time.

ELMIDAE Curtis, 1830: pl. 294 [stem: *Elm-*]. Type genus: *Elmis* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995d)]. Comment: ELMIDAE Curtis, 1830 placed on the Official List of Family-Group Names in Zoology and correct stem ruled to be *Elm-* (ICZN 1995d).

LIMNIIDAE Hope, 1838a: 153 [stem: *Limni-*]. Type genus: *Limnius* Illiger, 1802. Comment: family-group name previously attributed to C. G. Thomson (1859) in the literature.

Subtribe STENELMINA Mulsant and Rey, 1872

STENELMISATES Mulsant and Rey, 1872a: 49 [stem: *Stenelm-*]. Type genus: *Stenelmis* Dufour, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bollow (1941: 3, as STENELMINI), generally accepted as in Jäch et al. (2006: 437, as STENELMINA); incorrect original stem formation, not in prevailing usage.

Tribe MACRONYCHINI Gistel, 1848

MACRONYCHIDAE Gistel, 1848: [1] [stem: *Macronych-*]. Type genus: *Macronychus* P. W. J. Müller, 1806. Comment: family-group name previously attributed to Mulsant and Rey (1872) in the literature.

Family DRYOPIDAE Billberg, 1820 (1817)

PARNIDEA Leach, 1817: 88 [stem: *Parn-*]. Type genus: *Parnus* Fabricius, 1792 [syn. of *Dryops* A. G. Olivier, 1791]. Comment: younger name DRYOPIDAE Billberg, 1820 conserved (Art. 40.2) (see Lawrence and Newton 1995).

DRYOPIDES Billberg, 1820a: 38 [stem: *Dryop-*]. Type genus: *Dryops* A. G. Olivier, 1791. Comment: younger name conserved over PARNIDEA Leach, 1817 (Art. 40.2) (see Lawrence and Newton 1995).

PELONOMINAE Böving and Craighead, 1931: 45, in key [stem: *Pelonom-*]. Type genus: *Pelonomus* Erichson, 1847.

CHILLOEIDAE Dajoz, 1973: 179 [stem: *Chiloe-*]. Type genus: *Chiloea* Dajoz, 1973 [syn. of *Sosteomorphus* Hinton, 1936].

Family LUTROCHIDAE Kasap and Crowson, 1975

*LUTROCHIDAE Hinton, 1971: 297 [stem: *Lutroch-*]. Type genus: *Lutrochus* Erichson, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LUTROCHIDAE Kasap and Crowson, 1975: 442 [stem: *Lutroch-*]. Type genus: *Lutrochus* Erichson, 1847.

Family LIMNICHIDAE Erichson, 1846

LIMNICHINI Erichson, 1846: 465 [stem: *Limnich-*]. Type genus: *Limnichus* Dejean, 1821.

Subfamily HYPHALINAE Britton, 1971

HYPHALINAE Britton, 1971: 88 [stem: *Hyphal-*]. Type genus: *Hyphalus* Britton, 1971.

Subfamily LIMNICHINAE Erichson, 1846

LIMNICHINI Erichson, 1846: 465 [stem: *Limnich-*]. Type genus: *Limnichus* Dejean, 1821.

Tribe LIMNICHINI Erichson, 1846

LIMNICHINI Erichson, 1846: 465 [stem: *Limnich-*]. Type genus: *Limnichus* Dejean, 1821.

BOTRIOPHORATES Mulsant and Rey, 1869: 160 [stem: *Bothriophor-*]. Type genus: *Bothriophorus* Mulsant and Rey, 1852 [as *Botriophorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: family-group name also spelled BOTRIAPHORATES in the original publication (p. 173); original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1904: 51, as BOTHRIOPHORINI), generally accepted as in Shepard (2002: 125, as BOTHRIOPHORINI); incorrect original stem formation, not in prevailing usage.

Tribe WOOLDRIDGEINI Spangler, 1999

WOOLDRIDGEINI Spangler, 1999: 181 [stem: *Wooldridge-*]. Type genus: *Wooldridgeus* Spangler, 1998.

Subfamily CEPHALOBYRRHINAE Champion, 1925

CEPHALOBYRRHINAE Champion, 1925: 174 [stem: *Cephalobyrrrh-*]. Type genus: *Cephalobyrrhus* Pic, 1923.

Subfamily THAUMASTODINAE Champion, 1924

THAUMASTODINAE Champion, 1924: 25 [stem: *Thaumastod-*]. Type genus: *Thaumastodus* Champion, 1924 [syn. of *Pseudeucinetus* Heller, 1921].

Family HETEROCERIDAE MacLeay, 1825

HETEROCERIDAE W. S. MacLeay, 1825: 34 [stem: *Heterocer-*]. Type genus: *Heterocerus* Fabricius, 1792.

Subfamily ELYTHOMERINAE Pacheco, 1964

ELYTHOMERINI Pacheco, 1964: 120 [stem: *Elythomer-*]. Type genus: *Elythomerus* C. O. Waterhouse, 1874.

Subfamily HETEROCERINAE MacLeay, 1825

HETEROCERIDAE W. S. MacLeay, 1825: 34 [stem: *Heterocer-*]. Type genus: *Heterocerus* Fabricius, 1792.

Tribe AUGYLINI Pacheco, 1964

AUGYLINI Pacheco, 1964: 19 [stem: *Augyl-*]. Type genus: *Augyles* Schiødte, 1866.
Comment: incorrect original stem formation, not in prevailing usage.

Tribe HETEROCERINI MacLeay, 1825

HETEROCERIDAE W. S. MacLeay, 1825: 34 [stem: *Heterocer-*]. Type genus: *Heterocerus* Fabricius, 1792.

Tribe MICILINI Pacheco, 1964

MICILINI Pacheco, 1964: 32 [stem: *Micil-*]. Type genus: *Micilus* Mulsant and Rey, 1872.

Tribe TROPICINI Pacheco, 1964

TROPICINI Pacheco, 1964: 101 [stem: *Tropic-*]. Type genus: *Tropicus* Pacheco, 1964.

Family PSEPHENIDAE Lacordaire, 1854

PSÉPHÉNIDES Lacordaire, 1854b: 497 [stem: *Psephen-*]. Type genus: *Psephenus* Haldeman, 1853.

Subfamily AFROEUBRIINAE Lee, Satô, Shepard and Jäch, 2007

AFROEUBRIINAE Lee, Satô, Shepard and Jäch, 2007: 532 [stem: *Afroeubri-*]. Type genus: *Afroeubria* Villiers, 1961.

Subfamily EUBRIINAE Lacordaire, 1857

EUBRIADES Lacordaire, 1857: 283 [stem: *Eubri*-.] Type genus: *Eubria* Germar, 1818.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 180, as EUBRIINI), generally accepted as in Hansen (1996: 139, as EUBRIINAE).

Subfamily EUBRIANACINAE Jakobson, 1913

PLACONYCHINI G. H. Horn, 1880a: 110 [stem: *Placonych*-.] Type genus: *Placonycha* G. H. Horn, 1880 [syn. of *Eubrianax* Kiesenwetter, 1874]. Comment: usage of the younger name EUBRIANACINAE Jakobson, 1913 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 846).

EUBRIANACINI Jakobson, 1913: 723 [stem: *Eubrianac*-.] Type genus: *Eubrianax* Kiesenwetter, 1874. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Eubrianact*-); use of this name conserved over PLACONYCHINAE G. H. Horn, 1880 (Art. 40.2) (see Lawrence and Newton 1995: 846).

Subfamily PSEPHENOIDINAE Bollow, 1938

PSEPHENOIDINI Bollow, 1938: 156 [stem: *Psephenoid*-.] Type genus: *Psephenoides* Gahan, 1914.

Subfamily PSEPHENINAE Lacordaire, 1854

EURYPALPINI J. L. LeConte, 1852a: 41 [stem: *Eurypalp*-.] Type genus: *Eurypalpus* J. L. LeConte, 1852 [preoccupied genus name, not *Eurypalpus* Macquart, 1835 [Diptera]; syn. of *Psephenus* Haldeman, 1853]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PSÉPHÉNIDES Lacordaire, 1854b: 497 [stem: *Psephen*-.] Type genus: *Psephenus* Haldeman, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: xv, as PSEPHENIDAE), generally accepted as in Hansen (1996: 139, as PSEPHENIDAE).

Family CNEOGLOSSIDAE Champion, 1897

CNEOGLOSSINI Champion, 1897: 594 [stem: *Cneogloss*-.] Type genus: *Cneoglossa* Guérin-Méneville, 1843.

Family PTILODACTYLIDAE Laporte, 1836

PTILODACTYLIDAE Laporte, 1836: 21 [stem: *Ptilodactyl*-.] Type genus: *Ptilodactyla* Illiger, 1807.

Subfamily ANCHYTARSINAE Champion, 1897

COLOBODERIDES Erichson, 1847a: 174 [stem: *Coloboder*-.] Type genus: *Colobodera* Klug, 1838 [syn. of *Daemon* Laporte, 1836].

ANCHYTARSINI Champion, 1897: 593 [stem: *Anchytars*]. Type genus: *Anchytarsus* Guérin-Méneville, 1843. Comment: COLOBODERINAE Erichson, 1847 is the oldest name for this tribe, however since COLOBODERINAE has not been used as valid after 1899 to our knowledge, we believe that usage of ANCHYTARSINAE Champion, 1897 should be conserved and an application be submitted to the Commission to suppress the older name.

*EPIlichADINAE Lawrence and Stribling, 1992: 19 [stem: *Epilichad*]. Type genus: *Epilichas* A. White, 1859. Comment: although Ivie (2002: 136) treated this name as available we do not believe that requirements of Art. 13.1 were met and we therefore treat this name here as unavailable.

Subfamily CLADOTOMINAE Pic, 1914

CLADOTOMINI Pic, 1914: 45 [stem: *Cladotom*]. Type genus: *Cladotoma* Westwood, 1836.

Subfamily APLOGLOSSINAE Champion, 1897

APLOGLOSSINAE Champion, 1897: 623 [stem: *Aplogloss*]. Type genus: *Aploglossa* Guérin-Méneville, 1849.

Subfamily ARAEOPIDIINAE Lawrence, 1991

ARAEOPIDIINAE Lawrence, 1991: 250, in key [stem: *Araeopidi*]. Type genus: *Araeopidius* Cockerell, 1906.

Subfamily PTILODACTYLINAE Laporte, 1836

PTILODACTYLIDAE Laporte, 1836: 21 [stem: *Ptilodactyl*]. Type genus: *Ptilodactyla* Illiger, 1807.

Family PODABROCEPHALIDAE Pic, 1930

PODABROCEPHALIDAE Pic, 1930: 314 [stem: *Podabrocephal*]. Type genus: *Podabrocephalus* Pic, 1913.

Family CHELONARIIDAE Blanchard, 1845

CHELONARIITES Blanchard, 1845b: 70 [stem: *Chelonari*]. Type genus: *Chelonarium* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Imhoff (1856: 140, as CHELONARI), generally accepted as in Satô (2006: 454, as CHELONARIIDAE).

Family EULICHADIDAE Crowson, 1973

*LICHADIDEN Kolbe, 1908: 249 [stem: *Lichad*]. Type genus: *Lichas* Westwood, 1853 [preoccupied genus name, not *Lichas* Dalman, 1827 [Trilobita]; syn. of *Eulichas* Jakobson, 1913]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

LICHADIDAE Forbes, 1926: 102 [stem: *Lichad*-.] Type genus: *Lichas* Westwood, 1853 [preoccupied genus name, not *Lichas* Dalman, 1827 [Trilobita]; syn. of *Eulichas* Jakobson, 1913]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EULICHADIDAE Crowson, 1973b: 237 [stem: *Eulichad*-.] Type genus: *Eulichas* Jakobson, 1913.

Family CALLIRHIPIDAE Emden, 1924

ZENOINI J. L. LeConte, 1866a: 50 [stem: *Zeno*-.] Type genus: *Zenoa* Say, 1835.

Comment: this name is older than CALLIRHIPIDAE Emden, 1924 however we recommend that an application be submitted to conserve the younger name.

CALLIRHIPINI Emden, 1924: 87 [stem: *Callirhip*-.] Type genus: *Callirhipis* Latreille, 1829. Comment: the oldest name for this family is ZENOIDAE LeConte, 1866, however, as pointed out by Lawrence and Newton (1995: 849) an application to the Commission is needed in order to preserve the broadly accepted younger name CALLIRHIPIDAE Emden, 1924; current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Callirhipid*-).

Superfamily ELATEROIDEA Leach, 1815

ELATERIDES Leach, 1815: 85 [stem: *Elater*-.] Type genus: *Elater* Linnaeus, 1758.

Comment: the oldest available name for this superfamily is CEBRIONOIDEA Latreille, 1802, however ELATEROIDEA Leach, 1815 is maintained here pending resolution of an application to the ICZN being prepared by P. J. Johnson (see Lawrence and Newton 1995: 849; P. J. Johnson pers. comm. 2009).

Family RHINORHIPIDAE Lawrence, 1988

RHINORHIPIDAE Lawrence, 1988: 3 [stem: *Rhinorhip*-.] Type genus: *Rhinorhipus* Lawrence, 1988.

Family ARTEMATOPODIDAE Lacordaire, 1857

ARTÉMATOPIDES Lacordaire, 1857: 260 [stem: *Artematopod*-.] Type genus: *Artematopus* Perty, 1832.

Subfamily ELECTRIBIINAE Crowson, 1975

ELECTROPOGONINI Crowson, 1975: 77 [stem: *Electribi*-.] Type genus: *Electribius* Crowson, 1973. Comment: incorrect original stem formation, not in prevailing usage; ELECTROPOGONINI (based on *Electropogon*) in Crowson's work has been treated as a *lapsus calami* for ELECTRIBIIDAE based on *Electribius* (see Lawrence and Newton 1995: 850).

Subfamily ALLOPOGONIINAE Crowson, 1973

ALLOPOGONINI Crowson, 1973b: 231, in key [stem: *Allopogoni*-.] Type genus: *Allopogonia* Cockerell, 1906. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily ARTEMATOPODINAE Lacordaire, 1857

ARTEMATOPIDES Lacordaire, 1857: 260 [stem: *Artematopod*-.] Type genus: *Artematopus* Perty, 1832.

Tribe ARTEMATOPODINI Lacordaire, 1857

ARTEMATOPIDES Lacordaire, 1857: 260 [stem: *Artematopod*-.] Type genus: *Artematopus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1897: 586, as ARTEMATOPIINAE [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 849, as ARTEMATOPODIDAE); incorrect original stem formation, not in prevailing usage.

Tribe CTESIBIINI Crowson, 1973

CTESIBIINAE Crowson, 1973b: 228, in key [stem: *Ctesibi*-.] Type genus: *Ctesibius* Champion, 1897.

Tribe MACROPOGONINI LeConte, 1861

MACROPOGONINI J. L. LeConte, 1861: 178 [stem: *Macropogon*-.] Type genus: *Macropogon* Motschulsky, 1845.

EURYPOGONIDAE Böving and Craighead, 1931: 45, in key [stem: *Eurypogon*-.] Type genus: *Eurypogon* Motschulsky, 1859.

Family BRACHYSECTRIDAE LeConte and Horn, 1883

BRACHYSECTRINI J. L. LeConte and G. H. Horn, 1883: 170 [stem: *Brachypsectr*-.] Type genus: *Brachypsectra* J. L. LeConte, 1874.

Family CEROPHYTIDAE Latreille, 1834

CEROPHYTIDES Latreille, 1834: 133 [stem: *Cerophyt*-.] Type genus: *Cerophytum* Latreille, 1809.

Family EUCNEMIDAE Eschscholtz, 1829

EUCNEMIDES Eschscholtz, 1829a: 10 [stem: *Eucnem*-.] Type genus: *Eucnemis* Ahrens, 1812. Comment: the name MELASIDAE Fleming, 1821 has priority over this name, however Muona and Alaruiikka (2007: 32) mentioned that an application has been sent to the Commission to conserve usage of EUCNEMIDAE over the older name MELASIDAE for reasons of stability, we follow current usage until the case is resolved (also see Appendix 6).

Subfamily PEROTHOPINAE Lacordaire, 1857

PÉROTHOPIDES Lacordaire, 1857: 128 [stem: *Perothop-*]. Type genus: *Perothops* Eschscholtz, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 162, as PEROTHOPINI), generally accepted as in Lawrence and Newton (1995: 851, as PEROTHOPINAE).

Subfamily PHYLLOCERINAE Reitter, 1905

PHYLLOCERIDAE Reitter, 1905: 4 [stem: *Phyllocer-*]. Type genus: *Phyllocerus* Lepeletier and Audinet-Serville, 1825.

Tribe ANELASTINI Reitter, 1911

ANELASTINI Reitter, 1911: 202 [stem: *Anelast-*]. Type genus: *Anelastes* Kirby, 1819.

Tribe PHYLLOCERINI Reitter, 1905

PHYLLOCERIDAE Reitter, 1905: 4 [stem: *Phyllocer-*]. Type genus: *Phyllocerus* Lepeletier and Audinet-Serville, 1825.

Subfamily PSEUDOMENINAE Muona, 1993

PSEUDOMENINAE Muona, 1993: 41 [stem: *Pseudomen-*]. Type genus: *Pseudomenes* Fleutiaux, 1902. Comment: precedence (PSEUDOMENINAE Muona, 1993 vs SCHIZOPHILINAE Muona, 1993) given to taxon originally proposed at the higher rank (Art. 24.1).

Tribe PSEUDOMENINI Muona, 1993

* PSEUDOMENINAE Muona, 1991a: 167 [stem: *Pseudomen-*]. Type genus: *Pseudomenes* Fleutiaux, 1902. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PSEUDOMENINAE Muona, 1993: 41 [stem: *Pseudomen-*]. Type genus: *Pseudomenes* Fleutiaux, 1902.

Tribe SCHIZOPHILINI Muona, 1993

*SCHIZOPHILINI Muona, 1991a: 167 [stem: *Schizophil-*]. Type genus: *Schizophilus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

SCHIZOPHILINI Muona, 1993: 42 [stem: *Schizophil-*]. Type genus: *Schizophilus* Bonvouloir, 1871.

Subfamily PALAEOXENINAE Muona, 1993

PALAEOXENINAE Muona, 1993: 42 [stem: *Palaeoxen-*]. Type genus: *Palaeoxenus* G. H. Horn, 1891.

Subfamily PHLEGONINAE Muona, 1993

PHLEGONINAE Muona, 1993: 42 [stem: *Phlegon*]. Type genus: *Phlegon* Laporte, 1840.

Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Phlegont*-).

Subfamily ANISCHIINAE Fleutiaux, 1936

ANISCHINAE Fleutiaux, 1936: 292 [stem: *Anischi*]. Type genus: *Anischia* Fleutiaux, 1896. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily MELASINAE Fleming, 1821

MELASIDAE Fleming, 1821: 49 [stem: *Melas*]. Type genus: *Melasis* A. G. Olivier, 1790.

Tribe CALYPTOCERINI Muona, 1993

*CALYPTOCERINI Muona, 1991a: 167 [stem: *Calyptocer*]. Type genus: *Calyptocerus* Guérin-Ménéville, 1843. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CALYPTOCERINI Muona, 1993: 43 [stem: *Calyptocer*]. Type genus: *Calyptocerus* Guérin-Ménéville, 1843.

Tribe CEBALLOSMELASINI Muona, 1993

*CEBALLOSMELASINI Muona, 1991a: 167 [stem: *Ceballosmelas*]. Type genus: *Ceballosmelasis* Cobos, 1964. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CEBALLOSMELASINI Muona, 1993: 42 [stem: *Ceballosmelas*]. Type genus: *Ceballosmelasis* Cobos, 1964.

Tribe DIRRHAGINI Reitter, 1911

DIRRHAGINI Reitter, 1911: 202 [stem: *Dirrhag*]. Type genus: *Dirrhagus* Latreille, 1834 [as *Dirrhagus*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Microrrhagus* Dejean, 1833]. Comment: incorrect original stem formation, not in prevailing usage.

MICRORRHAGINAE Fleutiaux, 1919: 112 [stem: *Microrrhag*]. Type genus: *Microrrhagus* Dejean, 1833.

ARRHIPINI Cobos, 1965: 396 [stem: *Arrhipid*]. Type genus: *Arrhipis* Bonvouloir, 1871 [as *Arhipis*, incorrect subsequent spelling type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe EPIPHANINI Muona, 1993

*EPIPHANINI Muona, 1991a: 167 [stem: *Epiphan*]. Type genus: *Epiphanis* Eschscholtz, 1829. Comment: unavailable family-group name, proposed after

1930 without description or bibliographic reference to such a description (Art. 13.1).

EPIPHANINI Muona, 1993: 45 [stem: *Epiphan-*]. Type genus: *Epiphanis* Eschscholtz, 1829.

Tribe HYLOCHARINI Jacquelin du Val, 1859

HYLOCHARITES Jacquelin du Val, 1859: 119 [stem: *Hylochar-*]. Type genus: *Hylochares* Latreille, 1834. Comment: original vernacular name available (Art. 11.7.2): generally accepted as in Muona (2007: 84, as HYLOCHARINI); family-group names with the incorrectly formed stem *Hylochar-* have been used in Aves (type genus *Hylocharis* Boie, 1831), the correct stem for the bird family-group name is *Hylocharit-* (see Bock 1994: 143).

HYLOCHARINI Cobos, 1965: 369 [stem: *Hylochar-*]. Type genus: *Hylochares* Latreille, 1834. Comment: proposed as new without reference to HYLOCHARINI Jacquelin du Val, 1859.

Tribe MELASINI Fleming, 1821

MELASIDAE Fleming, 1821: 49 [stem: *Melas-*]. Type genus: *Melasis* A. G. Olivier, 1790.

Subtribe COMPSOCNEMINA Muona, 1993

COMPSOCNEMINA Muona, 1993: 43 [stem: *Compsocnem-*]. Type genus: *Compsocnemis* Bonvouloir, 1871. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Compsocnemid-*).

Subtribe MELASINA Fleming, 1821

MELASIDAE Fleming, 1821: 49 [stem: *Melas-*]. Type genus: *Melasis* A. G. Olivier, 1790.

Tribe NEOCHARINI Muona, 1993

*NEOCHARINI Muona, 1991a: 167 [stem: *Neochar-*]. Type genus: *Neocharis* Sharp, 1887. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

NEOCHARINI Muona, 1993: 44 [stem: *Neochar-*]. Type genus: *Neocharis* Sharp, 1887. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Neocharit-*).

Tribe XYLOBIINI Reitter, 1911

XYLOBIINI Reitter, 1911: 203 [stem: *Xylobi-*]. Type genus: *Xylobius* Latreille, 1834 [syn. of *Xylophilus* Mannerheim, 1823].

Subfamily EUCNEMINAE Eschscholtz, 1829

EUCNEMIDES Eschscholtz, 1829a: 10 [stem: *Eucnem*-.] Type genus: *Eucnemis* Ahrens, 1812.

Tribe DENDROCHARINI Fleutiaux, 1920

DENDROCHARINI Fleutiaux, 1920: 100, in key [stem: *Dendrochar*-.] Type genus: *Dendrocharis* Guérin-Ménéville, 1843. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dendrocharit*-).

Tribe DYSCHARACHTHINI Muona, 1993

*DYSCHARACHTHINI Muona, 1991a: 167 [stem: *Dyscharachth*-.] Type genus: *Dyscharachthis* Blackburn, 1900. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

DYSCHARACHTHINI Muona, 1993: 49 [stem: *Dyscharachth*-.] Type genus: *Dyscharachthis* Blackburn, 1900. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dyscharachthent*-).

Tribe ENTOMOSATOPINI Muona, 1993

*ENTOMOSATOPINI Muona, 1991a: 167 [stem: *Entomosatop*-.] Type genus: *Entomosatopus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ENTOMOSATOPINI Muona, 1993: 48 [stem: *Entomosatop*-.] Type genus: *Entomosatopus* Bonvouloir, 1871.

Tribe EUCNEMINI Eschscholtz, 1829

EUCNEMIDES Eschscholtz, 1829a: 10 [stem: *Eucnem*-.] Type genus: *Eucnemis* Ahrens, 1812. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Eucnemid*-).

GASTRAULACI Fleutiaux, 1902: 648 [stem: *Gastraulac*-.] Type genus: *Gastraulacus* Guérin-Ménéville, 1843.

Tribe GALBITINI Muona, 1991

*GALBITES Blanchard, 1845b: 71 [stem: *Galb*-.] Type genus: *Galba* Latreille, 1829 [preoccupied genus name, not *Galba* Schrank, 1803 [Mollusca]; syn. of *Galbites* Fleutiaux, 1918]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available in the future then permanently invalid (Art. 39): based on preoccupied type genus.

PTEROTARSINI Cobos, 1965: 294 [stem: *Pterotars*-.] Type genus: *Pterotarsus* sensu Guérin-Ménéville, 1838 [syn. of *Galbites* Fleutiaux, 1918]. Comment:

proposed as new without reference to PTEROTARSINI Fleutiaux, 1902 in ELATERIDAE; based on misidentified type genus; name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

*GALBITINI Muona, 1991a: 167 [stem: *Galbit-*]. Type genus: *Galbites* Fleutiaux, 1918. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

GALBITINI Muona, 1991b: 19 [stem: *Galbit-*]. Type genus: *Galbites* Fleutiaux, 1918.

Tribe MESOGENINI Muona, 1993

*MESOGENINI Muona, 1991a: 167 [stem: *Mesogen-*]. Type genus: *Mesogenus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

MESOGENINI Muona, 1993: 49 [stem: *Mesogen-*]. Type genus: *Mesogenus* Bonvouloir, 1871.

Tribe MUONAJINI Özdikmen, 2008

*YANGINI Muona, 1991a: 167 [stem: *Yang-*]. Type genus: *Yanga* Muona, 1993 [preoccupied genus name, not *Yanga* Distant, 1904 [Hemiptera]; syn. of *Muonaja* Özdikmen, 2008]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

YANGINI Muona, 1993: 48 [stem: *Yang-*]. Type genus: *Yanga* Muona, 1993 [preoccupied genus name, not *Yanga* Distant, 1904 [Hemiptera]; syn. of *Muonaja* Özdikmen, 2008]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MUONAJINI Özdikmen, 2008: 675 [stem: *Muonaj-*]. Type genus: *Muonaja* Özdikmen, 2008. Comment: replacement name for YANGINI Muona, 1993 because of the homonymy of the type genus.

Tribe PERROTINI Muona, 1993

*PERROTINI Muona, 1991a: 167 [stem: *Perroti-*]. Type genus: *Perrotius* Fleutiaux, 1938. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PERROTINI Muona, 1993: 47 [stem: *Perroti-*]. Type genus: *Perrotius* Fleutiaux, 1938. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PHAENOCERINI Muona, 1993

*PHAENOCERINI Muona, 1991a: 167 [stem: *Phaenocer-*]. Type genus: *Phaenocerus* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PHAENOCERINI Muona, 1993: 47 [stem: *Phaenocer*-.] Type genus: *Phaenocerus* Bonvouloir, 1871.

Tribe PROUTIANINI Muona, 1993

*PROUTIANINI Muona, 1991a: 167 [stem: *Proutian*-.] Type genus: *Proutianus* Muona, 1993. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PROUTIANINI Muona, 1993: 47 [stem: *Proutian*-.] Type genus: *Proutianus* Muona, 1993.

Subfamily MACRAULACINAE Fleutiaux, 1923

MACRAULACINAE Fleutiaux, 1923: 304 [stem: *Micraulac*-.] Type genus: *Macraulacus* Bonvouloir, 1872.

Tribe ANELASTIDINI Muona, 1993

ANELASTIDINI Muona, 1993: 52 [stem: *Anelastid*-.] Type genus: *Anelastidius* Jacquelin du Val, 1863. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Anelastidi*-).

Tribe ECHTHROGASTERINI Cobos, 1965

ECHTHROGASTERINI Cobos, 1965: 369 [stem: *Echthrogaster*-.] Type genus: *Echthrogaster* Blackburn, 1900.

Tribe EURYPYCHINI Mamaev, 1976

EURYPYCHINI Mamaev, 1976: 154 [stem: *Euryptych*-.] Type genus: *Euryptychus* J. L. LeConte, 1852.

Tribe JENIBUNTORINI Muona, 1993

*JENIBUNTORINI Muona, 1991a: 167 [stem: *Jenibuntor*-.] Type genus: *Jenibuntor* Muona, 1993. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

JENIBUNTORINI Muona, 1993: 51 [stem: *Jenibuntor*-.] Type genus: *Jenibuntor* Muona, 1993.

Tribe MACRAULACINI Fleutiaux, 1923

MACRAULACINAE Fleutiaux, 1923: 304 [stem: *Macraulac*-.] Type genus: *Macraulacus* Bonvouloir, 1872.

FORNAXINI Cobos, 1965: 294 [stem: *Fornac*-.] Type genus: *Fornax* Laporte, 1835. Comment: incorrect original stem formation, not in prevailing usage.

DROMAEOLINI Leiler, 1976: 48 [stem: *Dromaeol*-.] Type genus: *Dromaeolus* Kiesenwetter, 1858.

Tribe NEMATODINI Leiler, 1976

NEMATODINI Leiler, 1976: 48 [stem: *Nematod-*]. Type genus: *Nematodes* Berthold, 1827.

Tribe OISOCERINI Muona, 1993

OISOCERINI Muona, 1993: 51 [stem: *Oisocer-*]. Type genus: *Oisocerus* Bonvouloir, 1868.

Tribe ORODOTINI Muona, 1993

CRYPTOSTOMIDAE Laporte, 1835b: 181 [stem: *Cryptostomat-*]. Type genus: *Cryptostoma* Dejean, 1821 [preoccupied genus name, not *Cryptostoma* Blainville, 1818 [Mollusca]; syn. of *Ceratogonyx* Perty, 1830]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

*ORODOTINI Muona, 1991a: 167 [stem: *Orodod-*]. Type genus: *Orodotes* Bonvouloir, 1871. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ORODOTINI Muona, 1993: 52 [stem: *Orodod-*]. Type genus: *Orodotes* Bonvouloir, 1871.

†Tribe THROSCOGENIINI Iablokoff-Khnzorian, 1962

THROSCOGENIINAE Iablokoff-Khnzorian, 1962: 81 [stem: *Throscogeni-*]. Type genus: *Throscogenius* Iablokoff-Khnzorian, 1962.

Family THROSCIDAE Laporte, 1840 *nomen protectum*

STEREOLIA Rafinesque, 1815: 112 [stem: *Stereol-*]. Type genus: *Stereolus* Rafinesque, 1815 [unjustified emendation of *Throscus* Latreille, 1797 not in prevailing usage; syn. of *Trixagus* Kugelann, 1794]. Comment: *nomen oblitum* (see Appendix 1).

THROSCITES Laporte, 1840a: 228 [stem: *Throsc-*]. Type genus: *Throscus* Latreille, 1797 [syn. of *Trixagus* Kugelann, 1794]. Comment: *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 369, as THROSCOIDAE), generally accepted as in P. J. Johnson (2002b: 158, as THROSCIDAE).

TRIXAGIDAE Gistel, 1848: [4] [stem: *Trixag-*]. Type genus: *Trixagus* Kugelann, 1794.

POTERGINI Cobos, 1961: 5 [stem: *Poterg-*]. Type genus: *Potergus* Bonvouloir, 1871.

†Family PRAELATERIIDAE Dolin, 1973

PRAELATERIIDAE Dolin, 1973: 78 [stem: *Praelateri-*]. Type genus: *Praelaterium* Dolin, 1973.

Family ELATERIDAE Leach, 1815

ELATERIDES Leach, 1815: 85 [stem: *Elater-*]. Type genus: *Elater* Linnaeus, 1758.

Comment: the oldest available name for this family is CEBRIONIDAE Latreille,

1802, however ELATERIDAE Leach, 1815 is maintained here pending resolution of an application to the ICZN being prepared by P. J. Johnson (see Lawrence and Newton 1995: 852; P. J. Johnson pers. comm. 2009).

Subfamily CEBRIONINAE Latreille, 1802

CEBRIONATES Latreille, 1802: 97 [stem: *Cebrion-*]. Type genus: *Cebrio* A. G. Olivier, 1790.

PLASTOCERINI J. L. LeConte, 1861: 172 [stem: *Plastocer-*]. Type genus: *Plastocerus* sensu J. L. LeConte, 1853 [not *Plastocerus* Schaum, 1852; syn. of *Octinodes* Candèze, 1863]. Comment: based on a misidentified type genus; an application should be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) since PLASTOCERIDAE Crowson, 1972 is currently used as valid in ELATEROIDEA.

APLASTINAE Stibick, 1979: 175 [stem: *Aplast-*]. Type genus: *Aplastus* J. L. LeConte, 1859.

CEBRIOGNATHINAE Paulus, 1981: 264, in key [stem: *Cebriognath-*]. Type genus: *Cebriognathus* Chobaut, 1899.

Subfamily AGRYPNINAE Candèze, 1857 *nomen protectum*

AGRYPNIDES Candèze, 1857: 17 [stem: *Agrypn-*]. Type genus: *Agrypnus* Eschscholtz, 1829. Comment: *nomen protectum* (see Appendix 1); AGRYPNINAE Candèze, 1857 given precedence for subfamily name over OOPHORINAE Gistel, 1848 (Art. 35.5).

Tribe AGRYPNINI Candèze, 1857 *nomen protectum*

ADELOCERAIDAE Gistel, 1848: [5] [stem: *Adelocer-*]. Type genus: *Adelocera* Latreille, 1829. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

PANGAURADAE Gistel, 1856a: 366 [stem: *Pangaur-*]. Type genus: *Pangaura* Gistel, 1856 [syn. of *Lacon* Laporte, 1838]. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

AGRYPNIDES Candèze, 1857: 17 [stem: *Agrypn-*]. Type genus: *Agrypnus* Eschscholtz, 1829. Comment: published before 29 June 1857; *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1858: 230, as AGRYPNINI), generally accepted as in Lawrence and Newton (1995: 854, as AGRYPNINAE); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 138, as AGRYPNIDES) (see *Bibliographic notes* in Introduction).

*OCTOCRYPTITES Candèze, 1892: 486 [stem: *Octocrypt-*]. Type genus: *Octocryptus* Candèze, 1892. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Candèze (1892).

ADELOCERINI Buysson, 1893: 15 [stem: *Adelocer-*]. Type genus: *Adelocera* Latreille, 1829. Comment: family-group name proposed as new without reference to ADELOCERIDAE Gistel, 1848.

OCTOCRYPTINI Schwarz, 1906: 31 [stem: *Octocrypt-*]. Type genus: *Octocryptus* Candèze, 1892.

CAVICOXUMIDAE Pic, 1928: 21 [stem: *Cavicox-*]. Type genus: *Cavicoxum* Pic, 1928 [syn. of *Agraeus* Candèze, 1857]. Comment: incorrect original stem formation, not in prevailing usage.

LACONINI Dajoz, 1964: 60 [stem: *Lacon-*]. Type genus: *Lacon* Laporte, 1838.

Tribe ANAISSINI Golbach, 1984

ALAMPINA C. Costa, 1975: 53 [stem: *Alamp-*]. Type genus: *Alampes* Champion, 1895 [preoccupied genus name, not *Alampes* Horváth, 1884 [Hemiptera]; syn. of *Peralampes* P. J. Johnson, 2002]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ANAISSINI Golbach, 1984: 81 [stem: *Anaiss-*]. Type genus: *Anaissus* Candèze, 1857.

†Tribe CRYPTOCARDIINI Dolin, 1980

CRYPTOCARDIINI Dolin, 1980: 74 [stem: *Cryptocardi-*]. Type genus: *Cryptocardius* Dolin, 1980.

Tribe EUPLINTHINI Costa, 1975

EUPLINTHINA C. Costa, 1975: 66 [stem: *Euplinth-*]. Type genus: *Euplinthus* C. Costa, 1975. Comment: we act as First Revisers (COMPSOPLINTHINI C. Costa, 1975 vs EUPLINTHINI C. Costa, 1975).

Subtribe CLEIDECOSTINA Johnson, 2002

HELIGMINI C. Costa, 1975: 53 [stem: *Heligm-*]. Type genus: *Heligmus* Candèze, 1865 [preoccupied genus name, not *Heligmus* Dujardin, 1845 [Nematoda]; syn. of *Cleidecosta* P. J. Johnson, 2002]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CLEIDECOSTINI P. J. Johnson, 2002a: 16 [stem: *Cleidecost-*]. Type genus: *Cleidecosta* P. J. Johnson, 2002. Comment: replacement name for HELIGMINI C. Costa, 1975 because of the homonymy of the type genus.

Subtribe COMPSOPLINTHINA Costa, 1975

COMPSOPLINTHINA C. Costa, 1975: 71 [stem: *Compsoplinth-*]. Type genus: *Compsoplinthus* C. Costa, 1975.

Subtribe EUPLINTHINA Costa, 1975

EUPLINTHINA C. Costa, 1975: 66 [stem: *Euplinth-*]. Type genus: *Euplinthus* C. Costa, 1975.

Tribe HEMIRHIPINI Candèze, 1857

HÉMIRHIPIDES Candèze, 1857: 199 [stem: *Hemirhip-*]. Type genus: *Hemirhipus* Berthold, 1827. Comment: published before 29 June; original vernacular

name available (Art. 11.7.2): first used in latinized form by J. Thomson (1858: 75, as HEMIRHIPITAE), generally accepted as in P. J. Johnson (2002b: 169, as HEMIRHIPINI); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 148, as HÉMIRHIPIDES) (see *Bibliographic notes* in Introduction); First Reviser (HEMIRHIPINI Candèze, 1857 vs CHALCOLEPIDIINI Candèze, 1857) not determined, current usage maintained.

CHALCOLÉPIDIIDES Candèze, 1857: 257 [stem: *Chalcolepidi-*]. Type genus: *Chalcolepιδius* Eschscholtz, 1829. Comment: published before 29 June 1857; original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 164, as CHALCOLEPIDIINI), generally accepted as in Hyslop (1917: 252, as CHALCOLEPIDINA [incorrect stem formation]); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 153, as CHALCOLÉPIDIIDES) (see *Bibliographic notes* in Introduction).

ALAITES Candèze, 1874: 112 [stem: *Ala-*]. Type genus: *Alaus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1894: 269, as ALAINI), generally accepted as in Heyne and Taschenberg (1905: 152, as ALAINI).

LUDIOCTENINA Jakobson, 1913: 755 [stem: *Ludiocten-*]. Type genus: *Ludioctenus* Fairmaire, 1893.

ALAUINAE Laurent, 1974: 16 [stem: *Ala-*]. Type genus: *Alaus* Eschscholtz, 1829. Comment: family-group name proposed as new without reference to ALAITES Candèze, 1874; incorrect original stem formation, not in prevailing usage.

Tribe OOPHORINI Gistel, 1848

OOPHORIDAE Gistel, 1848: [5] [stem: *Oophor-*]. Type genus: *Oophorus* Eschscholtz, 1833 [syn. of *Aeolus* Eschscholtz, 1829]. Comment: family-group name attributed to Gistel (1856a: 367) in recent literature.

MONOCREPIDIITES Candèze, 1859: 176 [stem: *Monocrepidi-*]. Type genus: *Monocrepidius* Eschscholtz, 1829 [syn. of *Conoderus* Eschscholtz, 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 167, as MONOCREPIDI), generally accepted as in Burakowski et al. (1985: 147, as MONOCREPIDIINAE).

DRASTERIINI Houlbert, 1912: 184 [stem: *Drasteri-*]. Type genus: *Drasterius* Eschscholtz, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1987b)]. Comment: the junior homonym DRASTERIINI Wiltshire, 1976 (type genus *Drasteria* Hübner, 1818) is available in Lepidoptera: NOCTUIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

*AEOLINA Jakobson, 1913: 747 [stem: *Aeol-*]. Type genus: *Aeolus* Eschscholtz, 1829. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

CONODERINAE Fleutiaux, 1919: 58 [stem: *Conoder-*]. Type genus: *Conoderus* Eschscholtz, 1829. Comment: the older name CONODERINAE Schönherr,

1833 (type genus *Conoderes* Schönherr, 1833) is currently used as valid in Coleoptera: CURCULIONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PACHYDERINAE Fleutiaux, 1919: 57 [stem: *Pachyder-*]. Type genus: *Pachyderes* Guérin-Méneville, 1830.

Tribe PLATYCREPIDIINI Costa and Casari-Chen, 1993

EUDACTYLITES Candèze, 1859: 153 [stem: *Eudactyl-*]. Type genus: *Eudactylus* Sallé, 1855 [preoccupied genus name, not *Eudactylus* Fitzinger, 1843 [Reptilia]; syn. of *Platycrepidius* Candèze, 1859]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1895: 337, as EUDACTYLINI), generally accepted as in Hyslop (1917: 259, as EUDACTYLINI); permanently invalid (Art. 39): based on preoccupied type genus.

PLATYCREPIDIINI C. Costa and Casari-Chen, 1993: 62 [stem: *Platycrepidi-*]. Type genus: *Platycrepidius* Candèze, 1859.

Tribe PSEUDOMELANACTINI Arnett, 1967

PSEUDOMELANACTINI Arnett, 1967: 111 [stem: *Pseudomelanact-*]. Type genus: *Pseudomelanactes* Mathieu, 1961 [syn. of *Anthracalaus* Fairmaire, 1889].

Tribe PYROPHORINI Candèze, 1863

PYROPHORITES Candèze, 1863: 3 [stem: *Pyrophor-*]. Type genus: *Pyrophorus* Billberg, 1820.

Subtribe HAPSODRILINA Costa, 1975

HAPSODRILINA C. Costa, 1975: 88 [stem: *Hapsodril-*]. Type genus: *Hapsodrilus* C. Costa, 1975.

Subtribe NYCTOPHYXINA Costa, 1975

NYCTOPHYXINA C. Costa, 1975: 85 [stem: *Nyctophyx-*]. Type genus: *Nyctophysis* C. Costa, 1975. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Nyctophyse-*).

Subtribe PYROPHORINA Candèze, 1863

PYROPHORITES Candèze, 1863: 3 [stem: *Pyrophor-*]. Type genus: *Pyrophorus* Billberg, 1820. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 463, as PYROPHORINI), generally accepted as in P. J. Johnson (2002b: 169, as PYROPHORINI).

Tribe TETRALOBINI Laporte, 1840

TETRALOBITES Laporte, 1840a: 230 [stem: *Tetralob-*]. Type genus: *Tetralobus* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 84, as

TETRALOBITAE), generally accepted as in Lawrence and Newton (1995: 853, as TETRALOBINAE).

PHYLLOPHORIDAE Hope, 1842: 73 [stem: *Phyllophor*-]. Type genus: *Phyllophorus* Hope, 1842 [preoccupied genus name, not *Phyllophorus* Grube, 1840 [Echinodermata]; syn. of *Tetralobus* Lepeletier and Audinet-Serville, 1828]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PIEZOPHYLLINI Laurent, 1967: 85 [stem: *Piezophyll*-]. Type genus: *Piezophyllus* Hope, 1842.

Subfamily THYLACOSTERNINAE Fleutiaux, 1920

SOLENSISCINAE Lameere, 1900: 377 [stem: *Solenisc*-]. Type genus: *Soleniscus* Bonvouloir, 1875 [preoccupied genus name, not *Soleniscus* Meek and Worthen, 1860 [Mollusca]; syn. of *Cussolenis* Fleutiaux, 1918]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PTEROTARSINI Fleutiaux, 1902: 648 [stem: *Pterotars*-]. Type genus: *Pterotarsus* Guérin-Méneville, 1829. Comment: although this name has priority over THYLACOSTERNINAE Fleutiaux, 1920, an application will be submitted to the Commission by J. Muona and H. Silfverberg to conserve the well-established younger name.

THYLACOSTERNINAE Fleutiaux, 1920: 94 [stem: *Thylacostern*-]. Type genus: *Thylacosternus* Bonvouloir, 1875. Comment: an application will be submitted to the Commission by J. Muona and H. Silfverberg (pers. comm. 2010) to conserve prevailing usage of THYLACOSTERNINAE Fleutiaux, 1920 over the older name PTEROTARSINAE Fleutiaux, 1902.

BALGINAE Fleutiaux, 1926: 30 [stem: *Balg*-]. Type genus: *Balgus* Fleutiaux, 1920.

CUSOLENITAE Cobos, 1961: 3 [stem: *Cussolen*-]. Type genus: *Cussolenis* Fleutiaux, 1918.

Subfamily LISSOMINAE Laporte, 1835

LISSOMIDAE Laporte, 1835b: 178 [stem: *Lissom*-]. Type genus: *Lissomus* Dalman, 1824.

DRAPETINI J. L. LeConte, 1863: 44 [stem: *Drapet*-]. Type genus: *Drapetes* Dejean, 1821. Comment: DRAPETINI Collin, 1961 (type genus *Drapetis* Meigen, 1822) has been used as valid to this day in Diptera although Sabrosky (1999: 118) pointed out that the correct stem for the Diptera name is *Drapetid*-.

PROTELATERIDAE Schwarz, 1902: 365 [stem: *Protelater*-]. Type genus: *Protelater* Sharp, 1877.

OESTODINI Hyslop, 1917: 251 [stem: *Oestod*-]. Type genus: *Oestodes* J. L. LeConte, 1853.

ATHOOMORPHINAE Laurent, 1966: 818 [stem: *Athoomorph*-]. Type genus: *Athoomorphus* Schwarz, 1898.

DRAPETINI Dolin, 1975b: 1627, in key [stem: *Drapet*-]. Type genus: *Drapetes* Dejean, 1821. Comment: proposed as new without reference to DRAPETINI J. L. LeConte, 1863.

SPHAENELATERINI Stibick, 1979: 179 [stem: *Sphaenelater*]. Type genus: *Sphaenelater* Schwarz, 1902.

Subfamily SEMIOTINAE Jakobson, 1913

SEMIOTINA Jakobson, 1913: 736 [stem: *Semiot*]. Type genus: *Semiotus* Eschscholtz, 1829.

SEMIOTINAE Golbach, 1970: 320 [stem: *Semiot*]. Type genus: *Semiotus* Eschscholtz, 1829. Comment: family-group name proposed as new without reference to SEMIOTINA Jakobson, 1913.

Subfamily CAMPYLOXENINAE Costa, 1975

CAMPYLOXENINAE C. Costa, 1975: 114 [stem: *Campyloxen*]. Type genus: *Campyloxenus* Fairmaire, 1860.

Subfamily PITYOBIINAE Hyslop, 1917

PITYOBINI Hyslop, 1917: 249 [stem: *Pityobi*]. Type genus: *Pityobius* J. L. LeConte, 1853. Comment: incorrect original stem formation, not in prevailing usage.

ROSTRICEPHALINAE Fleutiaux, 1947: 238, in key [stem: *Rostricephal*]. Type genus: *Rostricephalus* Fleutiaux, 1918.

ADZUSINI Kishii, 1989: 2 [stem: *Adzus*]. Type genus: *Adzusa* Kishii, 1957.

Subfamily OXYNOPTERINAE Candèze, 1857

OXYNOPTÉRIDES Candèze, 1857: 355 [stem: *Oxynopter*]. Type genus: *Oxynopterus* Hope, 1842. Comment: published before 29 June 1857; original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1905: 155, as OXYNOPTERINI), generally accepted as in Johnson (2002b: 169, as OXYNOPTERINI); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 158, as OXYNOPTÉRIDES) (see *Bibliographic notes* in Introduction); First Revisor (MELANACTINAE Candèze, 1857 vs OXYNOPTERINAE Candèze, 1857) not determined, current usage maintained.

MÉLANACTIDES Candèze, 1857: 182 [stem: *Melanact*]. Type genus: *Melanactes* J. L. LeConte, 1853. Comment: published before 29 June 1857; original vernacular name available (Art. 11.7.2): first used in latinized form by Holmgren (1899: 199, as MELANACTIDAE), generally accepted as in Stibick (1979: 164, as MELANACTINAE); this family-group name was also proposed in the same year by Lacordaire (1857 [before 25 May]: 144, as MÉLANACTIDES) (see *Bibliographic notes* in Introduction).

ASAPHITES Candèze, 1863: 207 [stem: *Asaph*]. Type genus: *Asaphes* Kirby, 1837 [preoccupied genus name, not *Asaphes* Walker, 1834 [Hymenoptera]; syn. of *Hemicrepidius* Germar, 1839]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Heyne and Taschenberg (1905: 163, as ASAPHINI); permanently invalid (Art. 39): based on preoccupied type genus; the older name ASAPHIDAE H. C. C. Burmeister, 1843 (type genus *Asaphus* Brongniart 1822) is currently used as valid in Trilobita; the

younger name ASAPHINAE Ashmead, 1904 (type genus *Asaphes* Walker, 1834) is currently used as valid in Hymenoptera: PTEROMALIDAE.

CAMPSOSTERNINAE Fleutiaux, 1927a: 104 [stem: *Campsostern-*]. Type genus: *Campsosternus* Latreille, 1834. Comment: published 25 April 1927; this family-group name was also used in the same year by Fleutiaux (1927b ["31 December"]: 108, as CAMPSOSTERNINAE).

PECTOCERINI Gurjeva, 1974: 107, in key [stem: *Pectocer-*]. Type genus: *Pectocera* Hope, 1842.

Subfamily DENDROMETRINAE Gistel, 1848

DENDROMETRIDAE Gistel, 1848: [5] [stem: *Dendrometr-*]. Type genus: *Dendrometrus* Gistel, 1848 [syn. of *Limonius* Eschscholtz, 1829]. Comment: First Reviser found (DENTICOLLINAE Stein and Weise, 1877 (1848) vs DENDROMETRINAE Gistel, 1848) is Sánchez-Ruiz (1996: 74).

Tribe CREPIDOMENINI Candèze, 1863

CRÉPIDOMÉNITES Candèze, 1863: 190 [stem: *Crepidomen-*]. Type genus: *Crepidomenus* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1905: 163, as CREPIDOMENINI), generally accepted as in Calder (1978: 295, as CREPIDOMENINAE).

Tribe DENDROMETRINI Gistel, 1848

DENDROMETRIDAE Gistel, 1848: [5] [stem: *Dendrometr-*]. Type genus: *Dendrometrus* Gistel, 1848 [syn. of *Limonius* Eschscholtz, 1829]. Comment: First Reviser found (DENTICOLLINI Stein and Weise, 1877 (1848) vs DENDROMETRINI Gistel, 1848) is Sánchez-Ruiz (1996: 75).

Subtribe DENDROMETRINA Gistel, 1848

DENDROMETRIDAE Gistel, 1848: [5] [stem: *Dendrometr-*]. Type genus: *Dendrometrus* Gistel, 1848 [syn. of *Limonius* Eschscholtz, 1829].

ATHOITES Candèze, 1859: 4 [stem: *Atho-*]. Type genus: *Athous* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 170, as ATHOI), generally accepted as in Burakowski et al. (1985: 189, as ATHOINAE).

LIMONIINA Jakobson, 1913: 755 [stem: *Limoni-*]. Type genus: *Limonius* Eschscholtz, 1829.

Subtribe DENTICOLLINA Stein and Weise, 1877 (1848)

CAMPYLIDAE Gistel, 1848: [5] [stem: *Campyl-*]. Type genus: *Campylus* Fischer von Waldheim, 1824 [syn. of *Denticollis* Piller and Mitterpacher, 1783]. Comment: usage of the younger name DENTICOLLINA Stein and Weise, 1877 conserved over this name (Art. 40.2).

DENTICOLLINI Stein and Weise, 1877: 96 [stem: *Denticoll-*]. Type genus: *Denticollis* Piller and Mitterpacher, 1783. Comment: younger name conserved over CAMPYLINA Gistel, 1848 (Art. 40.2).

LEPTUROIDINI Schwarz, 1906: 3, in key [stem: *Lepturoid-*]. Type genus: *Lepturoides* Herbst, 1784 [syn. of *Denticollis* Piller and Mitterpacher, 1783].

Subtribe HEMICREPIDIINA Champion, 1896

HEMICREPIDIINI Champion, 1896: 477 [stem: *Hemicrepidi-*]. Type genus: *Hemicrepidius* Germar, 1839.

Tribe DIMINI Candèze, 1863

DIMITES Candèze, 1863: 237 [stem: *Dim-*]. Type genus: *Dima* Charpentier, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 476, as DIMINI), generally accepted as in Gurjeva (1974: 107, as DIMINAE); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dimat-*).

BELIOPHORINA Jakobson, 1913: 737 [stem: *Beliophor-*]. Type genus: *Beliophorus* Eschscholtz, 1829.

PENIINI Dolin, 1990: 17 [stem: *Peni-*]. Type genus: *Penia* Laporte, 1836.

Tribe HYPNOIDINI Schwarz, 1906 (1860)

CRYPTOHYPNITES Candèze, 1860: 50 [stem: *Cryptohypn-*]. Type genus: *Cryptohypnus* Eschscholtz, 1830 [syn. of *Hypnoidus* Dillwyn, 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 166, as CRYPTOHYJNI), generally accepted as in Burakowski et al. (1985: 214, as CRYPTOHYPNINAE); HYPNOIDINI Schwarz, 1906 conserved over this name (Art. 40.2).

HYPNOIDINI Schwarz, 1906: 150 [stem: *Hypnoid-*]. Type genus: *Hypnoidus* Dillwyn, 1829. Comment: name proposed to replace CRYPTOHYPNITES Candèze, 1860 because of the synonymy of the type genus; younger name conserved over CRYPTOHYPNINI Candèze, 1860 (Art. 40.2).

HYPOLITHINAE Fleutiaux, 1928: 252 [stem: *Hypolith-*]. Type genus: *Hypolithus* Eschscholtz, 1829. Comment: name proposed to replace CRYPTOHYPNITES Candèze, 1860 because of the synonymy of the type genus.

*PRISAHYPINI Stibick, 1976: 197 [stem: *Prisahypn-*]. Type genus: *Prisahypnus* Stibick, 1979. Comment: unavailable family-group name, not based on available genus name; incorrect original stem formation, not in prevailing usage.

PRISAHYPINI Stibick, 1979: 166 [stem: *Prisahypn-*]. Type genus: *Prisahypnus* Stibick, 1979. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PLEONOMINI Semenov and Pjatakova, 1936

PLEONOMINI Semenov and Pjatakova, 1936: 103 [stem: *Pleonom-*]. Type genus: *Pleonomus* Ménétériés, 1849. Comment: name proposed after 1930 without

description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Stibick (1979: 176) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Tribe PROSTERNINI Gistel, 1856 *nomen protectum*

DIACANTHIDAE Gistel, 1848: [5] [stem: *Diacanth-*]. Type genus: *Diacanthus* Latreille, 1834 [syn. of *Selatosomus* Stephens, 1830]. Comment: *nomen oblitum* (see Appendix 1).

PROSTERNIDAE Gistel, 1856a: 367 [stem: *Prostern-*]. Type genus: *Prosternon* Latreille, 1834. Comment: *nomen protectum* (see Appendix 1).

CORYMBITINI J. L. LeConte, 1861: 169 [stem: *Corymbit-*]. Type genus: *Corymbites* Latreille, 1834 [syn. of *Ctenicera* Latreille, 1829].

CTENICERINA Jakobson, 1913: 736 [stem: *Ctenicer-*]. Type genus: *Ctenicera* Latreille, 1829. Comment: family-group name previously attributed to Fleutiaux (1936) in the literature; "CTENICERINI Fleutiaux, 1936" used as valid instead of PROSTERNINI Gistel, 1856 by Cate (2007: 33, 173).

CTENICERINAE Neboiss, 1956: 47 [stem: *Ctenicer-*]. Type genus: *Ctenicera* Latreille, 1829. Comment: name proposed to replace CORYMBITINAE J. L. LeConte, 1861 because of the synonymy of the type genus; family-group name proposed as new without reference to CTENICERINA Jakobson, 1913 or CTENICERINAE Fleutiaux, 1936.

Tribe SENODONIINI Schenkling, 1927

ALLOTRIITES Candèze, 1863: 225 [stem: *Allotri-*]. Type genus: *Allotrius* Laporte, 1840 [preoccupied genus name, not *Allotrius* Temminck, 1835 [Aves]; syn. of *Senodonia* Laporte, 1838]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 489, as ALLOTRIINI), generally accepted as in Heyne and Taschenberg (1905: 163, as ALLOTRIINI); permanently invalid (Art. 39): based on preoccupied type genus.

SENODONIINAE Schenkling, 1927: 417 [stem: *Senodoni-*]. Type genus: *Senodonia* Laporte, 1838.

SENODONIINI Dolin, 2000: 19 [stem: *Senodoni-*]. Type genus: *Senodonia* Laporte, 1838. Comment: family-group name proposed as new without reference to SENODONIINAE Schenkling, 1927.

Subfamily NEGASTRIINAE Nakane and Kishii, 1956

NEGASTRIINAE Nakane and Kishii, 1956: 203 [stem: *Negastri-*]. Type genus: *Negastrius* C. G. Thomson, 1859.

Tribe NEGASTRIINI Nakane and Kishii, 1956

NEGASTRIINAE Nakane and Kishii, 1956: 203 [stem: *Negastri-*]. Type genus: *Negastrius* C. G. Thomson, 1859.

Tribe QUASIMUSINI Schimmel and Tarnawski, 2009

QUASIMUSINI Schimmel and Tarnawski, 2009: 17 [Stem: *Quasimus*-.]. Type genus: *Quasimus* Gozis, 1886.

Subtribe LOEBLIQUASIMUSINA Schimmel and Tarnawski, 2009

LOEBLIQUASINA Schimmel and Tarnawski, 2009: 18 [Stem: *Loebliquas*-.]. Type genus: *Loebliquasis* Dolin, 1997. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe QUASIMUSINA Schimmel and Tarnawski, 2009

QUASIMUSINA Schimmel and Tarnawski, 2009: 19 [Stem: *Quasimus*-.]. Type genus: *Quasimus* Gozis, 1886.

Subtribe STRIATOQUASIMUSINA Schimmel and Tarnawski, 2009

STRIATOQUASINA Schimmel and Tarnawski, 2009: 20 [Stem: *Striatoquasimus*-.]. Type genus: *Striatoquasimus* Schimmel and Tarnawski, 2009. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe WITTMEROQUASIMUSINA Schimmel and Tarnawski, 2009

WITTMEROQUASINA Schimmel and Tarnawski, 2009: 20 [Stem: *Wittmeroquasimus*-.]. Type genus: *Wittmeroquasimus* Dolin, 1997. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily ELATERINAE Leach, 1815

ELATERIDES Leach, 1815: 85 [stem: *Elater*-.]. Type genus: *Elater* Linnaeus, 1758.

Tribe AGRIOTINI Laporte, 1840

AGRIOTITES Laporte, 1840a: 233 [stem: *Agriot*-.]. Type genus: *Agriotes* Eschscholtz, 1829.

Subtribe AGRIOTINA Laporte, 1840

AGRIOTITES Laporte, 1840a: 233 [stem: *Agriot*-.]. Type genus: *Agriotes* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 511, as AGRIOTINI), generally accepted as in Hansen (1996: 143, as AGRIOTINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Agriotet*-).

Subtribe CARDIORHININA Candèze, 1863

CARDIORHINITES Candèze, 1863: 247 [stem: *Cardiorhin*-.]. Type genus: *Cardiorhinus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 495, as CARDIORHINI), generally accepted as in Heyne and Taschenberg (1905: 164, as CARDIORHININI).

Tribe AMPEDINI Gistel, 1848

AMPEDIDAE Gistel, 1848: [5] [stem: *Amped-*]. Type genus: *Ampedus* Dejean, 1833.

Comment: family-group name previously attributed to Gistel (1856a: 367), e.g., P. J. Johnson (2002b: 168).

Tribe DICREPIDIINI Thomson, 1858

DICREPIDIITAE J. Thomson, 1858: 75 [stem: *Dicrepidi-*]. Type genus: *Dicrepidius* Eschscholtz, 1829.

Tribe ELATERINI Leach, 1815

ELATERIDES Leach, 1815: 85 [stem: *Elater-*]. Type genus: *Elater* Linnaeus, 1758.

ARNEIDAE Gistel, 1848: [6] [stem: *Arne-*]. Type genus: *Arneus* Gistel, 1848 [syn. of *Sericus* Eschscholtz, 1829].

STEATODERIDAE Gistel, 1848: [5] [stem: *Steatoder-*]. Type genus: *Steatoderus* Dejean, 1833 [syn. of *Elater* Linnaeus, 1758].

AMPHILABRIDAE Gistel, 1856a: 367 [stem: *Amphilabr-*]. Type genus: *Amphilabris* Gistel, 1834 [syn. of *Sericus* Eschscholtz, 1829].

LUDIIDES Lacordaire, 1857: 197 [stem: *Ludi-*]. Type genus: *Ludius* Berthold, 1827 [syn. of *Elater* Linnaeus, 1758]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1861: 168, as LUDII); the junior homonym LUDIINI Aurivillius, 1904 (type genus *Ludia* Wallengren, 1865) in Lepidoptera: SATURNIIDAE was replaced by MICRAGONINI Cockerell, 1914 (see Oberprieler 1997: 146).

HYPODESITES Candèze, 1863: 242 [stem: *Hypodese-*]. Type genus: *Hypodesis* Latreille, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 490, as HYPODESINI), generally accepted as in Heyne and Taschenberg (1905: 164, as HYPODESINI); incorrect original stem formation, not in prevailing usage.

SERICOSOMINA Hyslop, 1917: 258 [stem: *Sericosom-*]. Type genus: *Sericosomus* Dejean, 1833 [syn. of *Sericus* Eschscholtz, 1829].

*DOLEROSOMINI Dolin, 1975b: 1632 [stem: *Dolerosom-*]. Type genus: *Dolerosomus* Motschulsky, 1859. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe MEGAPENTHINI Gurjeva, 1973

MEGAPENTHINI Gurjeva, 1973: 448 [stem: *Megapenth-*]. Type genus: *Megapenthes* Kiesenwetter, 1858.

Tribe MELANOTINI Candèze, 1859 (1848)

CRATONYCHIDAE Gistel, 1848: [5] [stem: *Cratonych-*]. Type genus: *Cratonychus* Dejean, 1833 [syn. of *Melanotus* Eschscholtz, 1829]. Comment: use of MELANOTINI Candèze, 1859 converned over this name (Art. 40.2).

MÉLANOTITES Candèze, 1859: 4 [stem: *Melanot*-.]. Type genus: *Melanotus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 169, as MELANOTI), generally accepted as in Hansen (1996: 143, as MELANOTINI); name conserved over CRATONYCHINI Gistel, 1848 (Art. 40.2) (see Sánchez-Ruiz 1996: 167).

Tribe ODONTONYCHINI Girard, 1973

ODONTONYCHINI Girard, 1973: 276 [stem: *Odontonych*-.]. Type genus: *Odontonychus* Candèze, 1897.

Tribe PHYSORHININI Candèze, 1859

PHYSORHINITES Candèze, 1859: 384 [stem: *Physorhin*-.]. Type genus: *Physorhinus* Germar, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 167, as PHYSORHINI), generally accepted as in Burakowski et al. (1985: 114, as PHYSORHININAE).

Tribe POMACHILIINI Candèze, 1859

POMACHILIITES Candèze, 1859: 4 [stem: *Pomachili*-.]. Type genus: *Pomachilius* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1895: 402, as POMACHILIINI), generally accepted as in Burakowski et al. (1985: 131, as POMACHILIINAE).

Tribe SYNAPTINI Gistel, 1856

DAIRAEIDAE Gistel, 1848: [5] [stem: *Dair*-.]. Type genus: *Daira* Gistel, 1848 [preoccupied genus name, not *Daira* Milne-Edwards, 1830 [Crustacea]; syn. of *Synaptus* Eschscholtz, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

SYNAPTIDAE Gistel, 1856a: 366 [stem: *Synapt*-.]. Type genus: *Synaptus* Eschscholtz, 1829.

ADRASTITES Candèze, 1863: 448 [stem: *Adrast*-.]. Type genus: *Adrastus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1896: 533, as ADRASTINI), generally accepted as in Burakowski et al. (1985: 133, as ADRASTINAE).

Subfamily CARDIOPHORINAE Candèze, 1859

CARDIOPHORITES Candèze, 1859: 4 [stem: *Cardiophor*-.]. Type genus: *Cardiophorus* Eschscholtz, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 166, as CARDIOPHORI), generally accepted as in Burakowski et al. (1985: 227, as CARDIOPHORINAE).

APHRICI J. L. LeConte, 1861: 173 [stem: *Aphric*-.]. Type genus: *Aphricus* J. L. LeConte, 1854.

- APTOPINA Jakobson, 1913: 760 [stem: *Aptopod*-]. Type genus: *Aptopus* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.
- ESTHESOPINAE Fleutiaux, 1919: 76 [stem: *Esthesopod*-]. Type genus: *Esthesopus* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.
- NYCTORINI Semenov and Pjatkova, 1936: 102 [stem: *Nyctor*-]. Type genus: *Nyctor* Semenov and Pjatkova, 1936 [syn. of *Cardiophorus* Eschscholtz, 1829].

Subfamily HEMIOPINAE Fleutiaux, 1941

- HEMIOPINAE Fleutiaux, 1941: 31 [stem: *Hemiop*-]. Type genus: *Hemiops* Laporte, 1838.

Subfamily PHYSODACTYLINAE Lacordaire, 1857

- PHYSODACTYLIDES Lacordaire, 1857: 236 [stem: *Physodactyl*-]. Type genus: *Physodactylus* Fischer von Waldheim, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Fleutiaux (1892b: 404, as PHYSODACTYLINI), generally accepted as in Lawrence and Newton (1995: 855, as PHYSODACTYLINAE).
- TOXOGNATHINAE Fleutiaux, 1941: 34 [stem: *Toxognath*-]. Type genus: *Toxognathus* Fairmaire, 1878.

Subfamily EUDICRONYCHINAE Girard, 1971

- DICRONYCHIDAE Schwarz, 1897: 11 [stem: *Dicronych*-]. Type genus: *Dicronychus* Laporte, 1840 [preoccupied genus name, not *Dicronychus* Brullé, 1832 [Coleoptera: ELATERIDAE: CARDIOPHORINAE]; syn. of *Eudicronychus* Méquignon, 1931]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- EUDICRONYCHINAE Girard, 1971: 645 [stem: *Eudicronych*-]. Type genus: *Eudicronychus* Méquignon, 1931. Comment: description by indication (distinguishing characters given in Schwarz (1907: 2, as DICRONYCHIDAE)).

Subfamily SUBPROTELATERINAE Fleutiaux, 1920

- SUBPROTELATERINAE Fleutiaux, 1920: 99 [stem: *Subprotelater*-]. Type genus: *Subprotelater* Fleutiaux, 1916.

Subfamily MOROSTOMATINAE Dolin, 2000

- MOROSTOMINAE Dolin, 2000: 18 [stem: *Morostomat*-]. Type genus: *Morostoma* Candèze, 1879. Comment: incorrect original stem formation, not in prevailing usage.

†Subfamily PROTAGRYPNINAE Dolin, 1973

- PROTAGRYPNINI Dolin, 1973: 74 [stem: *Protagryp*n-]. Type genus: *Protagryp*nus Dolin, 1973.

†Tribe DESMATINI Dolin, 1975

DESMATINI Dolin, 1975a: 60 [stem: *Desmat-*]. Type genus: *Desmatus* Dolin, 1975.

†Tribe HYPNOMORPHINI Dolin, 1975

HYPNOMORPHINI Dolin, 1975a: 54 [stem: *Hypnomorph-*]. Type genus: *Hypnomorphus* Dolin, 1975.

†Tribe PROTAGRYPNINI Dolin, 1973

PROTAGRYPNINI Dolin, 1973: 74 [stem: *Protagrypn-*]. Type genus: *Protagrypnus* Dolin, 1973.

Family PLASTOCERIDAE Crowson, 1972

PLASTOCERIDAE Crowson, 1972: 37, in key [stem: *Plastocer-*]. Type genus: *Plastocerus* Schaum, 1852. Comment: an application needs to be submitted to the Commission to suppress PLASTOCERI J. L. LeConte, 1861 (based on the misidentified type genus *Plastocerus* sensu J. L. LeConte, 1853) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

Family DRILIDAE Blanchard, 1845

DRILITES Blanchard, 1845b: 53 [stem: *Dril-*]. Type genus: *Drilus* A. G. Olivier, 1790.

Subfamily DRILINAE Blanchard, 1845

DRILITES Blanchard, 1845b: 53 [stem: *Dril-*]. Type genus: *Drilus* A. G. Olivier, 1790. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [11], as DRILIDAE), generally accepted as in Hansen (1996: 144, as DRILIDAE).

Subfamily THILMANINAE Kazantsev, 2004

THILMANINAE Kazantsev, 2004b: 240 [stem: *Thilman-*]. Type genus: *Thilmanus* Baudi di Selve, 1871. Comment: transferred from LYCIDAE by Bocák and Brlik (2008).

Tribe EUANOMINI Kazantsev, 2010

EUANOMINI Kazantsev, 2010a: 55 [stem: *Euanom-*]. Type genus: *Euanoma* Reitter, 1889.

Tribe THILMANINI Kazantsev, 2004

THILMANINAE Kazantsev, 2004b: 240 [stem: *Thilman-*]. Type genus: *Thilmanus* Baudi di Selve, 1871.

Family OMALISIDAE Lacordaire, 1857

*HOMALISES Motschulsky, 1849: 55 [stem: *Omalis-*]. Type genus: *Omalisus* Geoffroy, 1762 [as *Homalisus*, unjustified emendation of type genus name by Illiger (1801: 139), not in prevailing usage; placed on the Official List of Generic Names in

Zoology (ICZN 1994a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

HOMALISIDES Lacordaire, 1857: 303 [stem: *Omalis*-]. Type genus: *Omalisus* Geoffroy, 1762 [as *Homalisus*, unjustified emendation of type genus name by Illiger (1801: 139), not in prevailing usage; placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1860: 442, as HOMALISIDAE [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 856, as OMALISIDAE); incorrect original stem formation, not in prevailing usage.

†Family BERENDTIMIRIDAE Winkler, 1987

BERENDTIMIRIDAE J. R. Winkler, 1987: 52 [stem: *Berendtimir*-]. Type genus: *Berendtimirus* J. R. Winkler, 1987.

Family LYCIDAE Laporte, 1836

LYCUSIDAE Laporte, 1836: 25 [stem: *Lyc*-]. Type genus: *Lycus* Fabricius, 1787.

Subfamily LIBNETINAE Bocák and Bocáková, 1990

LIBNETININA Bocák and Bocáková, 1990: 652 [stem: *Libnet*-]. Type genus: *Libnetis* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily DICTYOPTERINAE Houlbert, 1922

DICTYOPTERINI Houlbert, 1922a: 338 [stem: *Dictyoptera*-]. Type genus: *Dictyoptera* Latreille, 1829.

Tribe DICTYOPTERINI Houlbert, 1922

DICTYOPTERINI Houlbert, 1922a: 338 [stem: *Dictyoptera*-]. Type genus: *Dictyoptera* Latreille, 1829. Comment: family-group name previously attributed to Kleine (1929: 226); although Houlbert (1922a) uses the tribe name LYCINI for a group of genera that includes *Dictyoptera* Latreille in the main text (page 240), this was certainly a mistake since the tribe name DICTYOPTERINI is correctly used in the "Index alphabétique" (page 319) and in the "Table systématique" (page 338).

Tribe LYCOPROGENTHINI Bocák and Bocáková, 2008

LYCOPROGENTHINI Bocák and Bocáková, 2008: 709 [stem: *Lycoprogenth*-]. Type genus: *Lycoprogenth* Pic, 1915.

Tribe TAPHINI Bocák and Bocáková, 1990

TAPHININA Bocák and Bocáková, 1990: 650 [stem: *Taph*-]. Type genus: *Taphes* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily LYROPAEINAE Bocák and Bocáková, 1989

LYROPAEINI Bocák and Bocáková, 1989: 718 [stem: *Lyropae-*]. Type genus: *Lyropaeus* C. O. Waterhouse, 1878.

Tribe ALYCULINI Bocák and Bocáková, 2008

ALYCULINI Bocák and Bocáková, 2008: 710 [stem: *Alycul-*]. Type genus: *Alyculus* Kazantsev, 1999.

Tribe ANTENNOLYCINI Bocák and Bocáková, 2008

ANTENNOLYCINI Bocák and Bocáková, 2008: 710 [stem: *Antennolyc-*]. Type genus: *Antennolycus* Bocák and Bocáková, 1999.

Tribe LYROPAEINI Bocák and Bocáková, 1989

LYROPAEINI Bocák and Bocáková, 1989: 718 [stem: *Lyropae-*]. Type genus: *Lyropaeus* C. O. Waterhouse, 1878.

PARALYCINAE L. N. Medvedev and Kazantsev, 1992: 59 [stem: *Paralyc-*]. Type genus: *Paralycus* L. N. Medvedev and Kazantsev, 1992 [syn. of *Lyropaeus* C. O. Waterhouse, 1878].

Tribe MINIDULITICOLINI Kazantsev, 2003

MINIDULITICOLINI Kazantsev, 2003: 20 [stem: *Miniduliticol-*]. Type genus: *Miniduliticola* Kazantsev, 2003.

Tribe PLATERODRILINI Kazantsev, 2004

*DULITICOLINAE Mjöberg, 1925: 140 [stem: *Duliticol-*]. Type genus: *Duliticola* Mjöberg, 1925 [syn. of *Platerodrilus* Pic, 1921]. Comment: unavailable family-group name (Art. 8.3): nomenclatural act disclaimed.

*DULITICOLINAE Kazantsev, 2003: 19 [stem: *Duliticol-*]. Type genus: *Duliticola* Mjöberg, 1925 [syn. of *Platerodrilus* Pic, 1921]. Comment: family-group name proposed as a new taxon but unavailable (Art. 11.7.1.1) because it was based on a type genus which was considered a synonym of *Platerodrilus* Pic, 1921 by the author.

PLATERODRILINI Kazantsev, 2004b: 241 [stem: *Platerodril-*]. Type genus: *Platerodrilus* Pic, 1921.

Subfamily ATELIINAE Kleine, 1929

ATELINAE Kleine, 1929: 222 [stem: *Ateli-*]. Type genus: *Atelius* C. O. Waterhouse, 1878. Comment: First Revisers found (ATELIINAE Kleine, 1928 vs DILOPHOTINAE Kleine, 1928) are Bocák and Bocáková (2008: 712).

Tribe ATELIINI Kleine, 1929

ATELINAE Kleine, 1929: 222 [stem: *Ateli-*]. Type genus: *Atelius* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DILOPHOTINI Kleine, 1929

DILOPHOTINAE Kleine, 1929: 222 [stem: *Dilophot-*]. Type genus: *Dilophotes* C. O. Waterhouse, 1879. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dilophotet-*).

Subfamily LYCINAE Laporte, 1836

LYCUSIDAE Laporte, 1836: 25 [stem: *Lyc-*]. Type genus: *Lycus* Fabricius, 1787.

Tribe CALOCHROMINI Lacordaire, 1857

CALOCHROMIDES Lacordaire, 1857: 301 [stem: *Calochrom-*]. Type genus: *Calochromus* Guérin-Ménéville, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gorham (1880: 1, as CALOCHROMINAE), generally accepted as in Hansen (1996: 144, as CALOCHROMINAE).

LYGISTOPTERI J. L. LeConte, 1881: 27 [stem: *Lygistopter-*]. Type genus: *Lygistopterus* Dejean, 1833.

Tribe CALOPTERINI Green, 1949

CALOPTERINI Green, 1949: 56, in key [stem: *Calopter-*]. Type genus: *Calopteron* Laporte, 1838.

Subtribe ACROLEPTINA Bocáková, 2005

ACROLEPTINA Bocáková, 2005: 445 [stem: *Acrolept-*]. Type genus: *Acroleptus* Bourgeois, 1886.

Subtribe CALOPTERINA Green, 1949

*CALOPTERINI Kleine, 1933: 20 [stem: *Calopter-*]. Type genus: *Calopteron* Laporte, 1838. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CALOPTERINI Green, 1949: 56, in key [stem: *Calopter-*]. Type genus: *Calopteron* Laporte, 1838.

Tribe CONDERINI Bocák and Bocáková, 1990

CONDERINI Bocák and Bocáková, 1990: 643 [stem: *Conder-*]. Type genus: *Conderis* C. O. Waterhouse, 1879. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Conderid-*).

Tribe DIHAMMATINI Bocák and Bocáková, 2008

DIHAMMATINI Bocák and Bocáková, 2008: 716 [stem: *Dihammat-*]. Type genus: *Dihammatus* C. O. Waterhouse, 1879.

Tribe EROTINI LeConte, 1881

EROTES J. L. LeConte, 1881: 23 [stem: *Erot-*]. Type genus: *Eros* Newman, 1838.

FLAGRAXINA Kazantsev, 2004a: 35, in key [stem: *Flagrax*]-. Type genus: *Flagrax* Kazantsev, 1992.

AFEROTINI Kazantsev, 2004a: 4 [stem: *Aferot*]-. Type genus: *Aferos* Kazantsev, 1992.

Tribe EURRHACINI Bocáková, 2005

EURRHACINA Bocáková, 2005: 444 [stem: *Eurrhac*]-. Type genus: *Eurrhacus* C. O. Waterhouse, 1879.

Tribe LEPTOLYCINI Leng and Mutchler, 1922

LEPTOLYCINI Leng and Mutchler, 1922: 430 [stem: *Leptolyc*]-. Type genus: *Leptolycus* Leng and Mutchler, 1922.

Tribe LYCINI Laporte, 1836

LYCUSIDAE Laporte, 1836: 25 [stem: *Lyc*]-. Type genus: *Lycus* Fabricius, 1787.
Comment: incorrect original stem formation, not in prevailing usage.

Tribe LYPONIINI Bocák and Bocáková, 1990

LYPONIININA Bocák and Bocáková, 1990: 652 [stem: *Lyponi*]-. Type genus: *Lyponia* C. O. Waterhouse, 1878. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MACROLYCINI Kleine, 1929

MACROLYCINAE Kleine, 1929: 222 [stem: *Macrolyc*]-. Type genus: *Macrolycus* C. O. Waterhouse, 1878.

Tribe MELANEROTINI Kazantsev, 2010

MELANEROTINI Kazantsev, 2010b: 195 [stem: *Melanerot*]-. Type genus: *Melaneros* Fairmaire, 1877.

Tribe METRIORRHYNCHINI Kleine, 1926

METRIORRHYNCHINAE Kleine, 1926: 97 [stem: *Metriorrhynch*]-. Type genus: *Metriorrhynchus* Guérin-Méneville, 1838.

Subtribe HEMICONDERININA Bocák and Bocáková, 1990

HEMICONDERININA Bocák and Bocáková, 1990: 645 [stem: *Hemiconderin*]-.
Type genus: *Hemiconderis* Kleine, 1926. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Hemiconderid*-).

Subtribe METRIORRHYNCHINA Kleine, 1926

METRIORRHYNCHINAE Kleine, 1926: 97 [stem: *Metriorrhynch*]-. Type genus: *Metriorrhynchus* Guérin-Méneville, 1838 [*Metriorrhynchus* is an incorrect subsequent spelling by Gemminger (1869: 1629) of the original name

Metriorhynchus in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: First Reviser (METRIORRHYNCHINA Kleine, 1926 vs DILOLYCINA Kleine, 1926) not determined, current usage maintained.

DILOLYCINAE Kleine, 1926: 186 [stem: *Dilolyc-*]. Type genus: *Dilolycus* Kleine, 1926. Comment: one of the original spellings of this family-group name was HAPLOTHORACINAE on page 95 (based on the new genus *Haplothorax* Kleine), the spelling of the family-group and genus-group names were changed to DILOLYCINAE and *Dilolycus* on page 186 and in the "Corrigenda" on page 188 of the same work because *Haplothorax* Agassiz, 1846 (unjustified emendation of *Aplothorax* G. R. Waterhouse, 1841) was already available in CARABIDAE; DILOLYCINAE is therefore treated as the correct original spelling of this family-group name (Art. 19.2).

CLADOPHORINAE Kleine, 1929: 222 [stem: *Cladophor-*]. Type genus: *Cladophorus* Guérin-Ménéville, 1830.

Subtribe TRICHALINA Kleine, 1929

TRICHALINAE Kleine, 1929: 222 [stem: *Trichal-*]. Type genus: *Trichalus* C. O. Waterhouse, 1877.

Tribe PLATERODINI Kleine, 1929

PLATERODINAE Kleine, 1929: 222 [stem: *Platerod-*]. Type genus: *Plateros* Bourgeois, 1879. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Platerot-*) (see Kazantsev 2010c: 278).

Tribe SLIPINSKIINI Bocák and Bocáková, 1992

SLIPINSKIININA Bocák and Bocáková, 1992: 256 [stem: *Slipinski-*]. Type genus: *Slipinskia* Bocák and Bocáková, 1992. Comment: incorrect original stem formation, not in prevailing usage.

Tribe THONALMINI Kleine, 1933

THONALMINI Kleine, 1933: 18 [stem: *Thonalm-*]. Type genus: *Thonalmus* Bourgeois, 1883. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Blackwelder (1945: 343, as THONALMINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1) (see Bocák and Bocáková 2008: 717).

Subfamily DEXORINAE Bocák and Bocáková, 1989

*DEXORINI Kleine, 1933: 113 [stem: *Dexor-*]. Type genus: *Dexoris* C. O. Waterhouse, 1878. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

DEXORINAE Bocák and Bocáková, 1989: 718 [stem: *Dexor*-.] Type genus: *Dexoris* C. O. Waterhouse, 1878.

Family TELEGEUSIDAE Leng, 1920

TELEGEUSIDAE Leng, 1920: 152 [stem: *Telegeus*-.] Type genus: *Telegeusis* G. H. Horn, 1895. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Telegeuse*-).

Family PHENGODIDAE LeConte, 1861

PHENGODINI J. L. LeConte, 1861: 185 [stem: *Phengod*-.] Type genus: *Phengodes* Illiger, 1807.

Subfamily PHENGODINAE LeConte, 1861

PHENGODINI J. L. LeConte, 1861: 185 [stem: *Phengod*-.] Type genus: *Phengodes* Illiger, 1807.

PSEUDOPHENGODIDAE Pic, 1930: 319 [stem: *Pseudophengod*-.] Type genus: *Pseudophengodes* Pic, 1930.

Subfamily MASTINOCERINAE LeConte, 1881

MASTINOCERINI J. L. LeConte, 1881: 40 [stem: *Mastinocer*-.] Type genus: *Mastinocerus* Solier, 1849.

Subfamily PENICILLOPHORINAE Paulus, 1975

PENICILLOPHORINI Paulus, 1975: 80 [stem: *Penicillophor*-.] Type genus: *Penicillophorus* Paulus, 1975.

Family RHAGOPHTHALMIDAE Olivier, 1907

RHAGOPHTHALMIDAE E. Olivier, 1907: 63 [stem: *Rhagophthalm*-.] Type genus: *Rhagophthalmus* Motschulsky, 1853.

Family LAMPYRIDAE Rafinesque, 1815

LAMPYRIA Rafinesque, 1815: 110 [stem: *Lampyr*-.] Type genus: *Lampyris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

Subfamily PSILOCLADINAE McDermott, 1964

PSILOCLADINA McDermott, 1964: 12, in key [stem: *Psiloclad*-.] Type genus: *Psilocladus* Blanchard, 1846.

CYPHONOCERINAE Crowson, 1972: 55, in key [stem: *Cyphonocer*-.] Type genus: *Cyphonocerus* Kiesenwetter, 1879.

Subfamily AMYDETINAE Olivier, 1907

AMYDETINI E. Olivier, 1907: 48 [stem: *Amydet*-.] Type genus: *Amydetes* Hoffmansegg, 1807.

Tribe AMYDEINI Olivier, 1907

AMYDEINI E. Olivier, 1907: 48 [stem: *Amydet-*]. Type genus: *Amydetes* Hoffmannsegg, 1807.

MEGALOPHTHALMINI E. Olivier, 1907: 46 [stem: *Megalophthalm-*]. Type genus: *Megalophthalmus* Gray, 1832 [preoccupied genus name, not *Megalophthalmus* Leach, 1830 [Crustacea]; syn. of *Magnoculus* McDermott, 1964]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe VESTINI McDermott, 1964

VESTINA McDermott, 1964: 12, in key [stem: *Vest-*]. Type genus: *Vesta* Laporte, 1833.

Subfamily LAMPYRINAE Rafinesque, 1815

LAMPYRIA Rafinesque, 1815: 110 [stem: *Lampyr-*]. Type genus: *Lampyris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

Tribe CRATOMORPHINI Green, 1948

CRATOMORPHI Green, 1948: 68, in key [stem: *Cratomorph-*]. Type genus: *Cratomorphus* Motschulsky, 1853.

Tribe LAMPROCERINI Olivier, 1907

LAMPROCERINI E. Olivier, 1907: 7 [stem: *Lamprocer-*]. Type genus: *Lamprocera* Laporte, 1833.

Tribe LAMPROHIZINI Kazantsev, 2010

LAMPROHIZINI Kazantsev, 2010d: 189 [stem: *Lamprohiz-*]. Type genus: *Lamprohiza* Motschulsky, 1853.

Tribe LAMPYRINI Rafinesque, 1815

LAMPYRIA Rafinesque, 1815: 110 [stem: *Lampyr-*]. Type genus: *Lampyris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: family-group name previously attributed to Latreille (1816: 236); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Lampyrid-*).

Tribe LUCIDOTINI Lacordaire, 1857

LUCIDOTIDES Lacordaire, 1857: 310 [stem: *Lucidor-*]. Type genus: *Lucidota* Laporte, 1833.

Subtribe DADOPHORINA Olivier, 1907

DADOPHORINI E. Olivier, 1907: 26 [stem: *Dadophor-*]. Type genus: *Dadophora* E. Olivier, 1907.

Subtribe LAMPRIGERINA McDermott, 1964

LAMPRIGERINA McDermott, 1964: 12, in key [stem: *Lampriger*-.] Type genus: *Lamprigera* Motschulsky, 1853.

Subtribe LUCIDOTINA Lacordaire, 1857

LUCIDOTIDES Lacordaire, 1857: 310 [stem: *Lucidot*-.] Type genus: *Lucidota* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 184, as LUCIDOTAE), generally accepted as in Gorham (1881: 29, as LUCIDOTIDES [treated as Latin]).

PRISTOLYCINI J. R. Winkler, 1953: 409 [stem: *Pristolyc*-.] Type genus: *Pristolycus* Gorham, 1883.

PRISTOLYCINI Kazantsev, 2010d: 205 [stem: *Pristolyc*-.] Type genus: *Pristolycus* Gorham, 1883. Comment: name proposed as new without reference to PRISTOLYCINI J. R. Winkler, 1953.

Subtribe PHOTININA LeConte, 1881

*PHOSPHAENAIRES Mulsant, 1862: 116 [stem: *Phosphaen*-.] Type genus: *Phosphaenus* Laporte, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1862).

PHOTINI J. L. LeConte, 1881: 30 [stem: *Photin*-.] Type genus: *Photinus* Laporte, 1833. Comment: incorrect original stem formation, not in prevailing usage; this name is a senior homonym of PHOTININAE Giglio-Tos, 1915 (type genus *Photina* Burmeister, 1838) in Mantodea; this case was submitted to the Commission to remove the homonymy by emending the stem of the mantid name (see Svenson and Branham 2007: 243).

PHOSPHAENIDES E. Olivier, 1884: 4 [stem: *Phosphaen*-.] Type genus: *Phosphaenus* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ganglbauer (1886: 280, as PHOSPHAENINI).

Tribe PLEOTOMINI Summers, 1874

PLEOTOMINI Summers, 1874: 91 [stem: *Pleotom*-.] Type genus: *Pleotomus* J. L. LeConte, 1861.

CALYPTOCEPHALINA Jakobson, 1911a: 667 [stem: *Calyptocephal*-.] Type genus: *Calyptocephalus* Gray, 1832.

PLEOTOMI Green, 1948: 68, in key [stem: *Pleotom*-.] Type genus: *Pleotomus* J. L. LeConte, 1861. Comment: family-group name proposed as new without reference to PLEOTOMINI Summers, 1874.

Subfamily LUCIOLINAE Lacordaire, 1857

LUCIOLIDES Lacordaire, 1857: 333 [stem: *Luciol*-.] Type genus: *Luciola* Laporte, 1833.

Tribe CURTOSINI McDermott, 1964

CURTOSINI McDermott, 1964: 47 [stem: *Curtos*-.] Type genus: *Curtos* Motschulsky, 1845. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Curt*-).

Tribe LUCIOLINI Lacordaire, 1857

LUCIOLIDES Lacordaire, 1857: 333 [stem: *Luciol*-.] Type genus: *Luciola* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1861: 184, as LUCIOLINI), generally accepted as in Lawrence and Newton (1995: 859, as LUCIOLINAE).

Subfamily PHOTURINAE Lacordaire, 1857

PHOTURIDES Lacordaire, 1857: 338 [stem: *Photur*-.] Type genus: *Photuris* J. L. LeConte, 1851. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Heyne and Taschenberg (1906: 177, as PHOTURINI), generally accepted as in Lawrence and Newton (1995: 859, as PHOTURINAE); current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Photurid*-).

LAMPYRIDAE *incertae sedis*

CHEGUEVARIINI Kazantsev, 2007: 370 [stem: *Cheguevari*-.] Type genus: *Cheguevaria* Kazantsev, 2007.

Family OMETHIDAE LeConte, 1861

OMETHES J. L. LeConte, 1861: 187 [stem: *Ometh*-.] Type genus: *Omethes* J. L. LeConte, 1861.

Subfamily OMETHINAE LeConte, 1861

OMETHES J. L. LeConte, 1861: 187 [stem: *Ometh*-.] Type genus: *Omethes* J. L. LeConte, 1861.

Subfamily MATHETEINAE LeConte, 1881

MATHETEI J. L. LeConte, 1881: 29 [stem: *Mathete*-.] Type genus: *Matheteus* J. L. LeConte, 1874.

Subfamily DRILONIINAE Crowson, 1972

DRILONIINAE Crowson, 1972: 58, in key [stem: *Driloni*-.] Type genus: *Drilonius* Kiesenwetter, 1874.

Family CANTHARIDAE Imhoff, 1856 (1815)

CANTHARIDAE Imhoff, 1856: [2] 69 [stem: *Canthar*-.] Type genus: *Cantharis* Linnaeus, 1758. Comment: this family-group name was used by many authors prior to Imhoff's usage, these were based on a the misidentified type genus *Cantharis* (syn.

of *Lytta* Fabricius, 1775) and are therefore not used as valid for this group (see Lawrence and Newton 1995:860); this case should be referred to the Commission to suppress any use of CANTHARIDAE prior to Imhoff (1856); usage of the younger name CANTHARIDAE Imhoff, 1856 over TELEPHORIDAE Leach, 1815 is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860).

Subfamily CANTHARINAE Imhoff, 1856 (1815)

CANTHARIDAE Imhoff, 1856: [2] 69 [stem: *Canthar-*]. Type genus: *Cantharis* Linnaeus, 1758. Comment: usage of the younger name over TELEPHORINAE Leach, 1815 is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860).

Tribe CANTHARINI Imhoff, 1856 (1815)

TELEPHORIDES Leach, 1815: 85 [stem: *Telephor-*]. Type genus: *Telephorus* Schaeffer, 1766 [syn. of *Cantharis* Linnaeus, 1758]. Comment: usage of CANTHARIDAE/-INAE/-INI over this name is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860).

CANTHARIDAE Imhoff, 1856: [2] 69 [stem: *Canthar-*]. Type genus: *Cantharis* Linnaeus, 1758. Comment: usage of the younger name over TELEPHORINI Leach, 1815 is conserved (Art. 40.2) (see Lawrence and Newton 1995: 860); current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Cantharid-*).

Tribe PODABRINI Gistel, 1856

PODABRIDAE Gistel, 1856a: 385 [stem: *Podabr-*]. Type genus: *Podabrus* Dejean, 1833. Comment: family-group name attributed to J. L. LeConte (1881: 45) in recent literature although the same author had used the family-group name PODABRI twenty years earlier (J. L. LeConte, 1861: 188).

Subfamily SILINAE Mulsant, 1862

SILIAIRES Mulsant, 1862: 342 [stem: *Sil-*]. Type genus: *Silis* Charpentier, 1825.

Tribe SILINI Mulsant, 1862

SILIAIRES Mulsant, 1862: 342 [stem: *Sil-*]. Type genus: *Silis* Charpentier, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gorham (1881: 91, as SILINI), generally accepted as in Hansen (1996: 145, as SILINAE).

Tribe TYTTHONYXINI Arnett, 1962

TYTTHONYINI Arnett, 1962a: 537 [stem: *Tytthonyx-*]. Type genus: *Tytthonyx* J. L. LeConte, 1851. Comment: spelling changed to TYTTHONYXINI by Wittmer (1970: 42); current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Tytthonych-*).

Subfamily DYSMORPHOCERINAE Brancucci, 1980

DYSMORPHOCERINAE Brancucci, 1980: 292 [stem: *Dysmorphocer-*]. Type genus: *Dysmorphocerus* Solier, 1849.

Subfamily MALTHININAE Kiesenwetter, 1852

MALTHINEN Kiesenwetter, 1852: 239 [stem: *Malthin-*]. Type genus: *Malthinus* Latreille, 1806.

Tribe MALCHININI Brancucci, 1980

MALCHININI Brancucci, 1980: 313 [stem: *Malchin-*]. Type genus: *Malchinus* Kiesenwetter, 1863.

Tribe MALTHININI Kiesenwetter, 1852

MALTHINEN Kiesenwetter, 1852: 239 [stem: *Malthin-*]. Type genus: *Malthinus* Latreille, 1806. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 187, as MALTHINI), generally accepted as in Lawrence and Newton (1995: 860, as MALTHININAE); this family-group name was also used in the same year by Motschulsky (1852: 1, as MALTHINIDES) but this vernacular name is unavailable (Art. 11.7.2) because it is not generally attributed to Motschulsky (1852).

Tribe MALTHODINI Böving and Craighead, 1931

MALTHODINAE Böving and Craighead, 1931: 48, in key [stem: *Malthod-*]. Type genus: *Malthodes* Kiesenwetter, 1852.

MALTHODINI Brancucci, 1980: 307 [stem: *Malthod-*]. Type genus: *Malthodes* Kiesenwetter, 1852. Comment: family-group name proposed as new without reference to MALTHODINAE Böving and Craighead, 1931.

Subfamily CHAULIOGNATHINAE LeConte, 1861

CHAULIOGNATHINI J. L. LeConte, 1861: 186 [stem: *Chauliognath-*]. Type genus: *Chauliognathus* Hentz, 1829.

Tribe CHAULIOGNATHINI LeConte, 1861

CHAULIOGNATHINI J. L. LeConte, 1861: 186 [stem: *Chauliognath-*]. Type genus: *Chauliognathus* Hentz, 1829.

Tribe ICHTHYURINI Champion, 1915

ICHTHYURINI Champion, 1915: 128 [stem: *Ichthyur-*]. Type genus: *Ichthyurus* Westwood, 1848.

Subfamily CYDISTINAE Paulus, 1972

CYDISTINAE Paulus, 1972a: 48, in key [stem: *Cydist-*]. Type genus: *Cydistus* Bourgeois, 1885.

Subfamily PTEROTINAE LeConte, 1861

PTEROTINI J. L. LeConte, 1861: 185 [stem: *Pterot-*]. Type genus: *Pterotus* J. L. LeConte, 1859.

Subfamily OTOTRETINAE McDermott, 1964

OTOTRETINAE McDermott, 1964: 11, in key [stem: *Ototret-*]. Type genus: *Ototreta* E. Olivier, 1900 [syn. of *Drilaster* Kiesenwetter, 1879].

Subfamily OTOTRETADRILINAE Crowson, 1972

OTOTRETADRILINAE Crowson, 1972: 55, in key [stem: *Ototretadril-*]. Type genus: *Ototretadrilus* Pic, 1921.

†Subfamily LASIOSYNIDAE Kirejtshuk, Chang, Ren and Kun, 2010

LASIOSYNIDAE Kirejtshuk et al., 2010: 68 [stem: *Lasiosyn-*]. Type genus: *Lasiosyne* Tan et al., 2007.

Series DERODONTIFORMIA**Superfamily DERODONTOIDEA LeConte, 1861**

DERODONTIDAE J. L. LeConte, 1861: 100 [stem: *Derodont-*]. Type genus: *Derodontus* J. L. LeConte, 1861. Comment: name conserved over NOSODENDROIDEA Erichson, 1846 (Art. 35.5).

Family DERODONTIDAE LeConte, 1861

DERODONTIDAE J. L. LeConte, 1861: 100 [stem: *Derodont-*]. Type genus: *Derodontus* J. L. LeConte, 1861. Comment: First Reviser found (DERODONTIDAE J. L. LeConte, 1861 vs PELTASTICIDAE J. L. LeConte, 1861) is Schenckling (1915: 3).

Subfamily PELTASTICINAE LeConte, 1861

PELTASTICIDAE J. L. LeConte, 1861: 88 [stem: *Peltastic-*]. Type genus: *Peltastica* Mannerheim, 1852.

Subfamily DERODONTINAE LeConte, 1861

DERODONTIDAE J. L. LeConte, 1861: 100 [stem: *Derodont-*]. Type genus: *Derodontus* J. L. LeConte, 1861.

Subfamily LARICOBINI Mulsant and Rey, 1864

LARICOBINI Mulsant and Rey, 1864a: 374 [stem: *Laricobi-*]. Type genus: *Laricobius* Rosenhauer, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1899: 766, as LARICOBINIDAE), generally accepted as in Hansen (1996: 146, as LARICOBINIINAE).

Family NOSODENDRIDAE Erichson, 1846

NOSODENDRINI Erichson, 1846: 465 [stem: *Nosodendr-*]. Type genus: *Nosodendron* Latreille, 1804.

Family JACOBSONIIDAE Heller, 1926

JACOBSONIIDAE Heller, 1926: 127 [stem: *Jacobsoni-*]. Type genus: *Jacobsonium* Heller, 1926 [syn. of *Sarothrias* Grouvelle, 1918].

SAROTHRIIDAE Crowson, 1955: 75 [stem: *Sarothri-*]. Type genus: *Sarothrias* Grouvelle, 1918. Comment: replacement name for JACOBSONIIDAE Heller, 1926 because of synonymy of the type genus.

DEROLATHRIINAE Sen Gupta, 1979: 692 [stem: *Derolathr-*]. Type genus: *Derolathrus* Sharp, 1900. Comment: incorrect original stem formation, not in prevailing usage.

Series BOSTRICHIFORMIA**Superfamily BOSTRICOIDEA Latreille, 1802**

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich-*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: First Reviser (BOSTRICOIDEA Latreille, 1802 vs PTINOIDEA Latreille, 1802) not determined, current usage maintained.

Family DERMESTIDAE Latreille, 1804

DERMESTINI Latreille, 1804c: 142 [stem: *Dermest-*]. Type genus: *Dermestes* Linnaeus, 1758.

Subfamily DERMESTINAE Latreille, 1804

DERMESTINI Latreille, 1804c: 142 [stem: *Dermest-*]. Type genus: *Dermestes* Linnaeus, 1758.

Tribe DERMESTINI Latreille, 1804

DERMESTINI Latreille, 1804c: 142 [stem: *Dermest-*]. Type genus: *Dermestes* Linnaeus, 1758. Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804a [between 19 August and 17 September]: 233, as DERMESTINI).

Tribe MARIOUTINI Jakobson, 1913

MARIOUTINI Jakobson, 1913: 826 [stem: *Mariout-*]. Type genus: *Mariouta* Pic, 1899.

RHOPALOSILPHINAE Arrow, 1929: 98 [stem: *Rhopalosilph-*]. Type genus: *Rhopalosilpha* Arrow, 1929. Comment: originally proposed as a subfamily of SILPHIDAE.

Subfamily THORICTINAE Agassiz, 1846

THORICTIDES Agassiz, 1846a: 162 [stem: *Thorict-*]. Type genus: *Thorictus* Germar, 1834.

Tribe THAUMAPHRASTINI Anderson, 1949

THAUMAPHRASTINAE W. H. Anderson, 1949: 127 [stem: *Thaumaphrast-*]. Type genus: *Thaumaphrastus* Blaisdell, 1927 [syn. of *Thorictodes* Reitter, 1875].

Tribe THORICTINI Agassiz, 1846

THORICTIDES Agassiz, 1846a: 162 [stem: *Thorict-*]. Type genus: *Thorictus* Germar, 1834.

Subfamily ORPHILINAE LeConte, 1861

ORPHILI J. L. LeConte, 1861: 109 [stem: *Orphil-*]. Type genus: *Orphilus* Erichson, 1846.

Subfamily TRINODINAE Casey, 1900

TRINODINI Casey, 1900: 139 [stem: *Trinod-*]. Type genus: *Trinodes* Dejean, 1821.

†Tribe CRETONODINI Kirejtshuk and Azar, 2009

CRETONODINI Kirejtshuk and Azar, 2009: 121 [stem: *Cretonod-*]. Type genus: *Cretonodes* Kirejtshuk and Azar, 2009.

Tribe THYLODRIINI Semenov, 1909

THELYDRIINI Semenov, 1909: xxv [stem: *Thylodri-*]. Type genus: *Thylodrias* Motschulsky, 1839 [as *Thelydrias*, unjustified emendation of type genus name by Agassiz (1846b: 370), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TRICHELODINI Peacock, 1978: 344 [stem: *Trichelod-*]. Type genus: *Trichelodes* Carter, 1935.

Tribe TRINODINI Casey, 1900

TRINODINI Casey, 1900: 139 [stem: *Trinod-*]. Type genus: *Trinodes* Dejean, 1821.

Tribe TRINOPARVINI Háva, 2010

TRINOPARVINI Háva, 2010: 56 [stem: *Trinoparv-*]. Type genus: *Trinoparvus* Háva, 2004.

Subfamily ATTAGENINAE Laporte, 1840

ATTAGÉNITES Laporte, 1840b: 35 [stem: *Attagen-*]. Type genus: *Attagenus* Latreille, 1802.

Tribe ATTAGENINI Laporte, 1840

ATTAGÉNITES Laporte, 1840b: 35 [stem: *Attagen-*]. Type genus: *Attagenus* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1861: 108, as ATTAGENI), generally accepted as in Hansen (1996: 147, as ATTAGENINAE).

Tribe EGIDYELLINI Semenov, 1914

EPIDYELLINI Semenov, 1914: 15 [stem: *Egidyell-*]. Type genus: *Egidyella* Reitter, 1899 [as *Epidyella*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily MEGATOMINAE Leach, 1815

MEGATOMIDA Leach, 1815: 94 [stem: *Megatom-*]. Type genus: *Megatoma* Herbst, 1791.

Tribe ANTHRENINI Gistel, 1848

ANTHRENIDAE Gistel, 1848: [5] [stem: *Anthren-*]. Type genus: *Anthrenus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

*TROGODERMATES Mulsant and Rey, 1867a: 120 [stem: *Trogodermat-*]. Type genus: *Trogoderma* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

Tribe MEGATOMINI Leach, 1815

MEGATOMIDA Leach, 1815: 94 [stem: *Megatom-*]. Type genus: *Megatoma* Herbst, 1791.

CTESIINI Rees, 1943: 12 [stem: *Ctesi-*]. Type genus: *Ctesias* Stephens, 1830.

Family ENDECATOMIDAE LeConte, 1861

ENDECATOMINI J. L. LeConte, 1861: 207 [stem: *Endecatom-*]. Type genus: *Endecatomus* Mellié, 1847.

Family BOSTRICHIDAE Latreille, 1802

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich-*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subfamily DYSIDINAE Lesne, 1921

DYSIDIDAE Lesne, 1921b: 286 [stem: *Dysid-*]. Type genus: *Dysides* Perty, 1832.

APOLEONINAE Gardner, 1933: 3 [stem: *Apoleont-*]. Type genus: *Apoleon* Gorham, 1885.

Comment: incorrect original stem formation, not in prevailing usage.

Subfamily POLYCAONINAE Lesne, 1896

POLYCAONINAE Lesne, 1896: 96 [stem: *Polycakon*]. Type genus: *Polycakon* Laporte, 1836.

Subfamily BOSTRICHINAE Latreille, 1802

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe APATINI Billberg, 1820

APATIDES Billberg, 1820a: 47 [stem: *Apat*]. Type genus: *Apat* Fabricius, 1775 [*nomen protectum* (see Borowski and Węgrzynowicz 2009)]. Comment: this family-group name was also used in the same year by Billberg (1820b: 394, as APATIDES).

LIGNIPERDIDAE Jacobi, 1906: 139 [stem: *Ligniperd*]. Type genus: *Ligniperda* Pallas, 1772 [*nomen oblitum* (see Borowski and Węgrzynowicz 2009); syn. of *Apat* Fabricius, 1775].

CHILENIIDAE Lesne, 1921b: 287 [stem: *Chileni*]. Type genus: *Chilenius* Lesne, 1921. BOSTRYCHOPSINI Lesne, 1921b: 288 [stem: *Bostrychopse*]. Type genus: *Bostrychopsis* Lesne, 1899 [syn. of *Apat* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe BOSTRICHINI Latreille, 1802

BOSTRICHINI Latreille, 1802: 202 [stem: *Bostrich*]. Type genus: *Bostrichus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. APATIDINI Bradley, 1930: 207, in key [stem: *Apatid*]. Type genus: *Apatides* Casey, 1898.

LICHENOPHANINI Portevin, 1931: 470, in key [stem: *Lichenophan*]. Type genus: *Lichenophanes* Lesne, 1899.

Tribe DINAPATINI Lesne, 1910

DINAPATINAE Lesne, 1910: 471 [stem: *Dinapat*]. Type genus: *Dinapate* G. H. Horn, 1886.

Tribe SINOXYLINI Marseul, 1857

SINOXYLIDAE Marseul, 1857a: 107 [stem: *Sinoxyl*]. Type genus: *Sinoxylon* Duftschmid, 1825.

Tribe XYLOPERTHINI Lesne, 1921

XYLOPERTHINI Lesne, 1921b: 288 [stem: *Xyloperth*]. Type genus: *Xylopertha* Guérin-Ménéville, 1845.

Subfamily PSOINAE Blanchard, 1851

PSORTAS Blanchard, 1851b: 434 [stem: *Pso*]. Type genus: *Psoa* Herbst, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J.

L. LeConte (1861: 208, as PSOINI), generally accepted as in Ivie (2002: 241, as PSOINAE).

Subfamily DINODERINAE Thomson, 1863

DINODERINA C. G. Thomson, 1863: 201 [stem: *Dinoder-*]. Type genus: *Dinoderus* Stephens, 1830.

Subfamily LYCTINAE Billberg, 1820

LYCTIDES Billberg, 1820a: 48 [stem: *Lyct-*]. Type genus: *Lyctus* Fabricius, 1792.

Tribe LYCTINI Billberg, 1820

LYCTIDES Billberg, 1820a: 48 [stem: *Lyct-*]. Type genus: *Lyctus* Fabricius, 1792.

Tribe TROGOXYLINI Lesne, 1921

TROGOXYLINI Lesne, 1921a: 231 [stem: *Trogoxyl-*]. Type genus: *Trogoxylon* J. L. LeConte, 1862.

TRISTARIINI Lesne, 1921b: 287 [stem: *Tristari-*]. Type genus: *Tristaria* Reitter, 1878.

Subfamily EUDERIINAE Lesne, 1934

EUDERIITAE Lesne, 1934: 392 [stem: *Euderi-*]. Type genus: *Euderia* Broun, 1880.

Family PTINIDAE Latreille, 1802

PTINIORES Latreille, 1802: 112 [stem: *Ptin-*]. Type genus: *Ptinus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)].
Comment: PTINIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a); several subfamilies in PTINIDAE contain tribes introduced in the literature by R. E. White (1982), those tribal names were not described originally and have not been made available subsequently; although some of White's tribes have been used as available and valid names recently, e.g., Zahradník (2007), they are not available; in subfamilies containing tribes first proposed by R. E. White (1982), we have decided not to use tribal names at all in order to avoid adding to the confusion, the necessary phylogenetic work needed to establish a meaningful tribal classification in those subfamilies is currently under way (K. Philips pers. comm. 2009).

Subfamily EUCRADINAE LeConte, 1861

EUCRADINI J. L. LeConte, 1861: 202 [stem: *Eucrad-*]. Type genus: *Eucrada* J. L. LeConte, 1861.

Tribe EUCRADINI LeConte, 1861

EUCRADINI J. L. LeConte, 1861: 202 [stem: *Eucrad-*]. Type genus: *Eucrada* J. L. LeConte, 1861.

Tribe HEDOBIIINI Mulsant and Rey, 1868

HÉDOBIAIRES Mulsant and Rey, 1868b: 23 [stem: *Hedobi-*]. Type genus: *Hedobia* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 116, as HEDOBIIINI), generally accepted as in Philips (2002: 254, as HEDOBIIINI).

Subfamily PTININAE Latreille, 1802

PTINIORES Latreille, 1802: 112 [stem: *Ptin-*]. Type genus: *Ptinus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: PTINIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

Tribe GIBBIINI Jacquelin du Val, 1860

GIBBIITES Jacquelin du Val, 1860: 211 [stem: *Gibbi-*]. Type genus: *Gibbium* Scopoli, 1777. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1877: 44, as GIBBIINI), generally accepted as in Bellés (1985: 13, as GIBBIINAE).

Tribe MEZIINI Bellés, 1985

MEZIINI Bellés, 1985: 37, in key [stem: *Mezi-*]. Type genus: *Mezium* Curtis, 1828.

Tribe PTININI Latreille, 1802

PTINIORES Latreille, 1802: 112 [stem: *Ptin-*]. Type genus: *Ptinus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: PTINIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

Tribe SPHAERICINI Portevin, 1931

SPHAERICINI Portevin, 1931: 494 [stem: *Sphaeric-*]. Type genus: *Sphaericus* Wolaston, 1854.

PTININAE *incertae sedis*

GNOSTIDAE Gemminger and Harold, 1868: 700 [stem: *Gnost-*]. Type genus: *Gnostus* Westwood, 1855.

ECTREPHIDAE Wasmann, 1894: 121 [stem: *Ectreph-*]. Type genus: *Ectrephes* Pascoe, 1866.

Subfamily DRYOPHILINAE Gistel, 1848

DRYOPHILIDAE Gistel, 1848: [6] [stem: *Dryophil-*]. Type genus: *Dryophilus* Chevrolat, 1832.

Tribe DRYOPHILINI Gistel, 1848

DRYOPHILIDAE Gistel, 1848: [6] [stem: *Dryophil-*]. Type genus: *Dryophilus* Chevrolat, 1832. Comment: family-group name previously attributed to J. L. LeConte (1861: 205) in the literature.

DRYOBIADAE Gistel, 1856a: 368 [stem: *Dryobi*-]. Type genus: *Dryobia* Gistel, 1856 [syn. of *Dryophilus* Chevrolat, 1832]. Comment: senior homonym of DRYOBIINI Arnett, 1962 (type genus *Dryobius* J. L. LeConte, 1850) used as valid in CERAMBYCIDAE; *nomen oblitum* (see Bousquet et al. 2009: 45); incorrect original stem formation, not in prevailing usage.

Tribe PTILINEURINI Böving, 1927

PTILINEURINI Böving, 1927a: 56 [stem: *Ptilineur*-]. Type genus: *Ptilineurus* Reitter, 1901.

Subfamily ERNOBIINAE Pic, 1912

COSMOCEROIDEOS Solier, 1849: 476 [stem: *Cosmocer*-]. Type genus: *Cosmocerus* Solier, 1849 [preoccupied genus name, not *Cosmocerus* Guérin-Méneville, 1844 [Coleoptera: CERAMBYCIDAE]; syn. of *Cerocosmus* Gemminger, 1873]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; Lawrence and Newton (1995: 864) used the latinized form COSMOCERINAE and treated Solier's name as available therefore we treat this name as available but permanently invalid.

ERNOBIINAE Pic, 1912: 12 [stem: *Ernobi*-]. Type genus: *Ernobius* C. G. Thomson, 1859. Comment: First Reviser found (ERNOBIINAE Pic, 1912 vs CEROCOSMINAE Pic, 1912) is White (1974: 419).

CEROCOSMINAE Pic, 1912: 45 [stem: *Cerocosm*-]. Type genus: *Cerocosmus* Gemminger, 1873. XESTOBIINI Böving, 1927a: 56 [stem: *Xestobi*-]. Type genus: *Xestobium* Motschulsky, 1845.

*OZOGNATHINI R. E. White, 1982: 2 [stem: *Ozognath*-]. Type genus: *Ozognathus* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily ANOBIINAE Fleming, 1821

ANOBIUMEDAE Fleming, 1821: 50 [stem: *Anobi*-]. Type genus: *Anobium* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1976)]. Comment: incorrect original stem formation, not in prevailing usage.

*EUCERATOCERINI R. E. White, 1982: 7 [stem: *Euceratocer*-]. Type genus: *Euceratocerus* J. L. LeConte, 1874. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*COLPOSTERNINI R. E. White, 1982: 9 [stem: *Colpostern*-]. Type genus: *Colposternus* Fall, 1905. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*GASTRALLINI R. E. White, 1982: 9 [stem: *Gastrall*-]. Type genus: *Gastrallus* Jacquelin du Val, 1860. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*HADROBREGMINI R. E. White, 1982: 15 [stem: *Hadrobregm*-]. Type genus: *Hadrobregmus* C. G. Thomson, 1859. Comment: unavailable family-group name,

proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

- *NICOBINI R. E. White, 1982: 10 [stem: *Nicobi-*]. Type genus: *Nicobium* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *STEGOBIINI R. E. White, 1982: 11 [stem: *Stegobi-*]. Type genus: *Stegobium* Motschulsky, 1860. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily PTILININAE Shuckard, 1839

- PTILINIDAE Shuckard, 1839b: 45 [stem: *Ptilin-*]. Type genus: *Ptilinus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].
- SCLERASTEIDAE Gistel, 1856a: 368 [stem: *Sclerast-*]. Type genus: *Sclerastes* Gistel, 1856 [this genus originally included “*pectinicornis*” and “*costatus* Gy”, we here chose *Ptilinus costatus* Gyllenhal, 1827 as the type of *Sclerastes*; **syn. nov.** of *Ptilinus* Geoffroy, 1762]. Comment: **syn. nov.**; incorrect original stem formation, not in prevailing usage.

Subfamily ALVARENGANIELLINAE Viana and Martínez, 1971

- ALVARENGANIELLINAE Viana and Martínez, 1971: 121 [stem: *Alvarenganiell-*]. Type genus: *Alvarenganiella* Viana and Martínez, 1971.

Subfamily XYLETININAE Gistel, 1848

- XYLETINIDAE Gistel, 1848: [6] [stem: *Xyletin-*]. Type genus: *Xyletinus* Latreille, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 1971)].

Tribe LASIODERMINI Böving, 1927

- LASIODERMINI Böving, 1927a: 56 [stem: *Lasioderm-*]. Type genus: *Lasioderma* Stephens, 1835. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Lasiodermat-*).

Tribe METHOLCINI Zahradník, 2009

- METHOLCINI Zahradník, 2009: 180 [stem: *Metholc-*]. Type genus: *Metholcus* Jacquelin du Val, 1860.

Tribe XYLETININI Gistel, 1848

- XYLETINIDAE Gistel, 1848: [6] [stem: *Xyletin-*]. Type genus: *Xyletinus* Latreille, 1810 [placed on the Official List of Generic Names in Zoology (ICZN 1971)].
- VRILETTINI Böving, 1927a: 56 [stem: *Vrillett-*]. Type genus: *Vrilletta* J. L. LeConte, 1874. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily DORCATOMINAE Thomson, 1859

- DORCATOMINA C. G. Thomson, 1859: 90 [stem: *Dorcatom-*]. Type genus: *Dorcatoma* Herbst, 1791 [the original spelling *Dorkatoma* was placed on the Official Index

of Rejected and Suppressed Generic Names in Zoology, *Dorcatoma* was chosen as correct original spelling and placed on the Official List of Generic Names in Zoology [ICZN 1995b]).

CAENOCARINI Böving, 1927a: 57 [stem: *Caenocar*-]. Type genus: *Caenocara* C. G. Thomson, 1859. Comment: also misspelled as COENECARINI (page 56) in the original publication.

*CALYMMADERINI R. E. White, 1982: 22 [stem: *Calymmader*-]. Type genus: *Calymmaderus* Solier, 1849. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*CRYPTORAMORPHINI R. E. White, 1982: 25 [stem: *Cryptoramorph*-]. Type genus: *Cryptoramorphus* R. E. White, 1966. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*PETALIINI R. E. White, 1982: 23 [stem: *Petali*-]. Type genus: *Petalium* J. L. LeConte, 1861. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); the tribe PETALIINI Tillyard, 1917 in Odonata (type genus *Petalia* Hagen, 1854, a junior homonym of *Petalia* Gray, 1838 [Mammalia]) is available but permanently invalid because it is based on a preoccupied type genus.

*PROTHECINI R. E. White, 1982: 25 [stem: *Prothec*-]. Type genus: *Protheca* J. L. LeConte, 1865. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily MESOCOELOPODINAE Mulsant and Rey, 1864

MÉSOCOELOPAIRES Mulsant and Rey, 1864b: 311 [stem: *Mesocoelopod*-]. Type genus: *Mesocoelopus* Jacquelin du Val, 1860.

Tribe TRICORYNINI White, 1971

TRICORYNINAE R. E. White, 1971: 1301 [stem: *Tricoryn*-]. Type genus: *Tricorynus* G. R. Waterhouse, 1849.

Tribe MESOCOELOPODINI Mulsant and Rey, 1864

MÉSOCOELOPAIRES Mulsant and Rey, 1864b: 311 [stem: *Mesocoelopod*-]. Type genus: *Mesocoelopus* Jacquelin du Val, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1877: 153, as MESOCOELOPINI [incorrect stem formation]), generally accepted as in Philips (2002: 258, as MESOCOELOPODINAE); incorrect original stem formation, not in prevailing usage.

MESOTHINI Portevin, 1931: 489 [stem: *Mesothet*-]. Type genus: *Mesothet* Mulsant and Rey, 1864. Comment: incorrect original stem formation, not in prevailing usage.

PTINIDAE *incertae sedis*

FABIINAE Martínez and Viana, 1964: 7 [stem: *Fabi-*]. Type genus: *Fabia* Martínez and Viana, 1964.

Series CUCUJIFORMIA**Superfamily LYMEXYLOIDEA Fleming, 1821**

LYMOXYLONIDAE Fleming, 1821: 49 [stem: *Lymexyl-*]. Type genus: *Lymexylon* Fabricius, 1775. Comment: LYMEXYLOIDEA given precedence for superfamily name over HYLECOETOIDEA Germar, 1818 (Art. 35.5).

Family LYMEXYLIDAE Fleming, 1821

LYMOXYLONIDAE Fleming, 1821: 49 [stem: *Lymexyl-*]. Type genus: *Lymexylon* Fabricius, 1775. Comment: LYMEXYLIDAE given precedence for family name over HYLECOETIDAE Germar, 1818 (Art. 35.5).

Subfamily HYLECOETINAE Germar, 1818

HYLECOETI Germar, 1818: 344 [stem: *Hylecoet-*]. Type genus: *Hylecoetus* Latreille, 1806. Comment: name previously attributed to Gistel (1856a).

Subfamily LYMEXYLINAE Fleming, 1821

LYMOXYLONIDAE Fleming, 1821: 49 [stem: *Lymexyl-*]. Type genus: *Lymexylon* Fabricius, 1775 [as *Lymoxylon*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: published in July 1821; incorrect original stem formation, not in prevailing usage; this family-group name was also used in the same year by Fischer von Waldheim (1821 [“31 December”]: 37, as LYMEXYLA).

Subfamily ATRACTOCERINAE Laporte, 1840

ATRACTOCÉRITES Laporte, 1840a: 290 [stem: *Atractocer-*]. Type genus: *Atractocerus* Palisot de Beauvois, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Brues and Melander (1932: 23, as ATRACTOCERIDAE), generally accepted as in Cuccodoro (2007: 363, as ATRACTOCERINAE).

Subfamily MELITTOMMATINAE Wheeler, 1986

MELITTOMMINAE Q. D. Wheeler, 1986: 160 [stem: *Melittommar-*]. Type genus: *Melittomma* Murray, 1867. Comment: incorrect original stem formation, not in prevailing usage.

Superfamily CLEROIDEA Latreille, 1802

CLERII Latreille, 1802: 110 [stem: *Cler-*]. Type genus: *Clerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment:

First Reviser (CLEROIDEA Latreille, 1802 vs TROGOSSITOIDEA Latreille, 1802) not determined, current usage maintained.

Family PHLOIOPHILIDAE Kiesenwetter, 1863

PHLOEOPHILINI Kiesenwetter, 1863: 626, in key [stem: *Phloiophil-*]. Type genus: *Phloiophilus* Stephens, 1830 [as *Phloeophilus*, unjustified emendation of type genus name by Agassiz (1846b: 286), not in prevailing usage; *Phloeophilus* Agassiz, 1846 is a junior homonym of *Phloeophilus* Schönherr, 1833 [Coleoptera: ANTHRIBIDAE]]. Comment: incorrect original stem formation, not in prevailing usage; using the original spelling would place PHLOEOPHILINI Lacordaire, 1865 [Coleoptera: ANTHRIBIDAE] into homonymy with this name.

Family TROGOSSITIDAE Latreille, 1802

TROGOSSITARIИ Latreille, 1802: 159 [stem: *Trogossit-*]. Type genus: *Trogossita* A. G. Olivier, 1790 [syn. of *Tenebroides* Piller and Mitterpacher, 1783].

Subfamily PELTINAE Latreille, 1806

PELTIDES Latreille, 1806: 8 [stem: *Pelt-*]. Type genus: *Peltis* Kugelann, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe ANCYRONINI Kolibáč, 2006

ANCYRONINI Kolibáč, 2006: 127 [stem: *Ancyron-*]. Type genus: *Ancyrona* Reitter, 1876.

Tribe COLYDIOPELTINI Kolibáč, 2006

COLYDIOPELTINI Kolibáč, 2006: 126 [stem: *Colydiopelt-*]. Type genus: *Colydiopeltis* Ślipiński, 1992.

Tribe DECAMERINI Crowson, 1964

DECAMERINAE Crowson, 1964: 287 [stem: *Decamer-*]. Type genus: *Decamerus* Solier, 1849.

Tribe LOPHOCATERINI Crowson, 1964 *nomen protectum*

LYCOPTINI Casey, 1890: 311 [stem: *Lycopt-*]. Type genus: *Lycoptis* Casey, 1890. Comment: *nomen oblitum* (see Appendix 1).

LOPHOCATERINAE Crowson, 1964: 297 [stem: *Lophocater-*]. Type genus: *Lophocateres* Olliff, 1883. Comment: *nomen protectum* (see Appendix 1).

Tribe PELTINI Latreille, 1806

PELTIDES Latreille, 1806: 8 [stem: *Pelt-*]. Type genus: *Peltis* Kugelann, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: name previously attributed to Kirby (1837).

OSTOMINI Harold, 1876: 169 [stem: *Ostomat*-.]. Type genus: *Ostoma* Laicharting, 1781. Comment: incorrect original stem formation, not in prevailing usage.

Tribe THYMALINI Lèveillé, 1888

*THYMALITES Blanchard, 1845a: 277 [stem: *Thymal*-.]. Type genus: *Thymalus* Latreille, 1802. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Blanchard (1845a).

THYMALINI Lèveillé, 1888: 444 [stem: *Thymal*-.]. Type genus: *Thymalus* Latreille, 1802.

RENTONIINAE Crowson, 1966: 120 [stem: *Rentoni*-.]. Type genus: *Rentonium* Crowson, 1966.

PROTOPELTINI Crowson, 1966: 120 [stem: *Protopelt*-.]. Type genus: *Protopeltis* Crowson, 1964.

†MELIGETHIELLINAE Kirejtshuk and Ponomarenko, 1990: 79 [stem: *Meligethiell*-.]. Type genus: *Meligethiella* L. N. Medvedev, 1969.

Subfamily TROGOSSITINAE Latreille, 1802

TROGOSSITARIИ Latreille, 1802: 159 [stem: *Trogossit*-.]. Type genus: *Trogossita* A. G. Olivier, 1790 [syn. of *Tenebroides* Piller and Mitterpacher, 1783].

Tribe CALITYINI Reitter, 1922

CALITYINI Reitter, 1922a: 66 [stem: *Cality*-.]. Type genus: *Calitys* C. G. Thomson, 1859. Comment: incorrect original stem formation, not in prevailing usage.

Tribe EGOLIINI Lacordaire, 1854

ÉGOLIIDES Lacordaire, 1854b: 334 [stem: *Egoli*-.]. Type genus: *Egolia* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Ganglbauer (1899: 419, as EGOLIIDES [treated as Latin]), generally accepted as in Kolibáč (2006: 119, as EGOLIINI).

Tribe GYMNOCHILINI Lacordaire, 1854

GYMNOCHILIDES Lacordaire, 1854b: 344 [stem: *Gymnochil*-.]. Type genus: *Gymnochila* Klug, 1844. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. Thomson (1858: 43, as GYMNOCHILITAE), generally accepted as in Burakowski et al. (1986: 118, as GYMNOCHILINAE).

LEPERINI Reitter, 1876a: 55 [stem: *Leperin*-.]. Type genus: *Leperina* Erichson, 1844. Comment: incorrect original stem formation, not in prevailing usage.

Tribe LARINOTINI Ślipiński, 1992

LARINOTINAE Ślipiński, 1992: 443 [stem: *Larinot*-.]. Type genus: *Larinotus* Carter and Zeck, 1937.

†Tribe LITHOSTOMATINI Kolibáč and Huang, 2008

LITHOSTOMINI Kolibáč and Huang, 2008: 142 [stem: *Lithostomat-*]. Type genus: *Lithostoma* Martynov, 1926. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TROGOSSITINI Latreille, 1802

TROGOSSITARI Latreille, 1802: 159 [stem: *Trogossit-*]. Type genus: *Trogossita* A. G. Olivier, 1790 [syn. of *Tenebroides* Piller and Mitterpacher, 1783].

NEMOSOMIDA Leach, 1815: 110 [stem: *Nemozomat-*]. Type genus: *Nemozoma* Latreille, 1804 [as *Nemosoma*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TEMNOCHILINI Léveillé, 1888: 432 [stem: *Temnoscheil-*]. Type genus: *Temnoscheila* Westwood, 1830 [as *Temnochila*, unjustified emendation of type genus name by Erichson (1844: 449), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TENEBRIOIDINI Ganglbauer, 1899: 420 [stem: *Tenebroid-*]. Type genus: *Tenebroides* Piller and Mitterpacher, 1783 [as *Tenebrioides*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Family CHAETOSOMATIDAE Crowson, 1952

CHAETOSOMATIDAE Crowson, 1952: 66 [stem: *Chaetosomat-*]. Type genus: *Chaetosoma* Westwood, 1851 [this genus is a junior homonym of *Chaetosoma* Chevrolat, 1843 in CERAMBYCIDAE; *Chaetosoma* Chevrolat, 1843 is also a senior objective synonym of the well-established name *Apodasya* Pascoe, 1863]. Comment: this name is a junior homonym of CHAETOSOMATIDAE Claus, 1872 (type genus *Chaetosoma* Claparède, 1863, which is a junior homonym of *Chaetosoma* Westwood, 1851) in Nematoda; the nematode family-group name is permanently invalid (Art. 39) because it is based on a junior homonym, the valid name for this nematode family is DRACONEMATIDAE Filipjev, 1918; furthermore, the type genus of CHAETOSOMATIDAE Crowson is a junior homonym of *Chaetosoma* Chevrolat, 1843 in Cerambycidae; an application was recently submitted by Bousquet and Bouchard (2010) to suppress *Chaetosoma* Chevrolat, 1843 for the Principles of Priority and Homonymy and CHAETOSOMATIDAE Claus, 1872 for the Principle of Priority, therefore conserving the names CHAETOSOMATIDAE Crowson and *Chaetosoma* Westwood (see Appendix 6).

Family METAXINIDAE Kolibáč, 2004

METAXINIDAE Kolibáč, 2004: 247 [stem: *Metaxin-*]. Type genus: *Metaxina* Broun, 1909.

Family THANEROCLERIDAE Chapin, 1924

THANEROCLERINAE Chapin, 1924: 251 [stem: *Thanerocler-*]. Type genus: *Thaneroclerus* Westwood, 1838.

Subfamily ZENODOSINAE Kolibáč, 1992

ZENODOSINI Kolibáč, 1992: 307 [stem: *Zenodos-*]. Type genus: *Zenodosus* Wolcott, 1910.

Subfamily THANEROCLERINAE Chapin, 1924

THANEROCLERINAE Chapin, 1924: 251 [stem: *Thanerocler-*]. Type genus: *Thaneroclerus* Westwood, 1838.

Tribe ISOCLERINI Kolibáč, 1992

ISOCLERINA Kolibáč, 1992: 315 [stem: *Isocler-*]. Type genus: *Isoclerus* Lewis, 1892.

Tribe THANEROCLERINI Chapin, 1924

THANEROCLERINAE Chapin, 1924: 251 [stem: *Thanerocler-*]. Type genus: *Thaneroclerus* Westwood, 1838.

Tribe VITICLERINI Winkler, 1982

VITICLERINI J. R. Winkler, 1982: 529, in key [stem: *Viticler-*]. Type genus: *Viticlerus* Miyatake, 1977.

Family CLERIDAE Latreille, 1802

CLERII Latreille, 1802: 110 [stem: *Cler-*]. Type genus: *Clerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: see Opitz (2010) for an alternative subfamilial classification within this family.

Subfamily TILLINAE Fischer von Waldheim, 1813

TILLII Fischer von Waldheim, 1813: 232 [stem: *Till-*]. Type genus: *Tillus* A. G. Olivier, 1790. Comment: family-group name previously attributed to Leach (1815).

CYLIDRINA Reitter, 1894: 38 [stem: *Cylidr-*]. Type genus: *Cylidrus* Latreille, 1829.

*MONOPHYLLINI Böving and Craighead, 1931: 78 [stem: *Monophyll-*]. Type genus: *Monophylla* Spinola, 1841. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily HYDNOCERINAE Spinola, 1844

HYDNOCÉROÏDES Spinola, 1844: Tableau générique (3) [stem: *Hydnocer-*]. Type genus: *Hydnocera* Newman, 1838 [syn. of *Phyllobaenus* Dejean, 1833].

Tribe CALLIMERINI Kolibáč, 1998

CALLIMERINI Kolibáč, 1998: 165 [stem: *Callimer-*]. Type genus: *Callimerus* Gorham, 1876.

Tribe HYDROCERINI Spinola, 1844

HYDROCÉROÏDES Spinola, 1844: Tableau générique (3) [stem: *Hydnocer*]-. Type genus: *Hydnocera* Newman, 1838 [syn. of *Phyllobaenus* Dejean, 1833]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Desmarest (1857: 263, as HYDROCERIDAE), generally accepted as in Kolibáč (1998: 127, as HYDROCERINAE).

PHYLOBÉNIDES Lacordaire, 1857: 466 [stem: *Phyllobaen*]-. Type genus: *Phyllobaenus* Dejean, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in Gorham (1876: 59, as PHYLOBENIDES [treated as Latin]); incorrect original stem formation, not in prevailing usage.

Tribe LEMIDIINI Kolibáč, 1998

LEMIDIINI Kolibáč, 1998: 183 [stem: *Lemidi*]-. Type genus: *Lemidia* Spinola, 1841.

Subfamily CLERINAE Latreille, 1802

CLERII Latreille, 1802: 110 [stem: *Cler*]-. Type genus: *Clerus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

NOTOXII Sturm, 1826: 38 [stem: *Notox*]-. Type genus: *Notoxus* sensu Fabricius, 1775 [not *Notoxus* Geoffroy, 1762; syn. of *Opilo* Latreille, 1802]. Comment: based on a misidentified type genus; an application should be submitted to the Commission to suppress this name for the Principles of Priority and Homonymy (Art. 65.2.1) since NOTOXINAE Stephens, 1829 is currently used as valid in ANTHICIDAE.

PRIOCERIDAE Laporte, 1836: 33 [stem: *Priocer*]-. Type genus: *Priocera* Kirby, 1819.

*TRICHODITES Blanchard, 1845b: 84 [stem: *Trichod*]-. Type genus: *Trichodes* Herbst, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

OPILONIDAE Gistel, 1848: [6] [stem: *Opilon*]-. Type genus: *Opilo* Latreille, 1802.

THANASIMIIDAE Gistel, 1848: [6] [stem: *Thanasim*]-. Type genus: *Thanasimus* Latreille, 1806. Comment: incorrect original stem formation, not in prevailing usage.

DENDROPLANETEIDAE Gistel, 1856a: 395 [stem: *Dendroplanet*]-. Type genus: *Dendroplanetes* Gistel, 1856 [syn. of *Opilo* Latreille, 1802]. Comment: also spelled DONDROPLANETEIDAE in the same publication on page 368; incorrect original stem formation, not in prevailing usage.

TRICHODINI Portevin, 1931: 457, in key [stem: *Trichod*]-. Type genus: *Trichodes* Herbst, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: the older name originally proposed as TRICHODINA Maitland, 1851 (type genus *Trichoda* Müller, 1773) is available in Protozoa: Ciliophora; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

DIEROPSINAE J. R. Winkler, 1964: 317 [stem: *Dieropse*]-. Type genus: *Dieropsis* Gahan, 1908. Comment: incorrect original stem formation, not in prevailing usage.

CLEROPIESTINAE J. R. Winkler, 1980: 437 [stem: *Cleropiest-*]. Type genus: *Cleropiestus* Fairmaire, 1889.

ANTHICOCLERINAE Opitz, 2010: 58 [stem: *Anthicocler-*]. Type genus: *Anthicoclerus* Schenkling, 1906.

Subfamily KORYNETINAE Laporte, 1836

CORYNETIDAE Laporte, 1836: 34 [stem: *Korynet-*]. Type genus: *Korynetes* Herbst, 1792 [as *Corynetes*, unjustified emendation of type genus name by Paykull (1798: 274), not in prevailing usage; *Korynetes* Herbst, 1792 placed on the Official List of Generic Names in Zoology and *Corynetes* Paykull, 1798 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1961c)]. Comment: incorrect original stem formation, not in prevailing usage.

ICHNOÏDES Spinola, 1841: 71 [stem: *Ichne-*]. Type genus: *Ichnea* Laporte, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 193, as ICHNEOIDAE), treated as available by Opitz and Herman (2009: 183, as ICHNEINAE); *nomen oblitum*, EPIPHLOEINAE Kuwert, 1893 conserved as valid subfamily over this name by Opitz and Herman (2009).

PLATYNOPTÉROÏDES Spinola, 1844: Tableau générique (4) [stem: *Platynopter-*]. Type genus: *Platynoptera* Chevrolat, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desmarest (1857: 269, as PLATYNOPTERIDAE).

NECROBIAEIDAE Gistel, 1848: [6] [stem: *Necrobi-*]. Type genus: *Necrobia* A. G. Olivier, 1795 [placed on the Official List of Generic Names in Zoology (ICZN 1961c)]. Comment: incorrect original stem formation, not in prevailing usage.

ENOPLIIDAE Gistel, 1848: [6] [stem: *Enopli-*]. Type genus: *Enoplium* Latreille, 1802.

TARSOSTÉNITES Jacquelin du Val, 1860: 198 [stem: *Tarsosten-*]. Type genus: *Tarsostenus* Spinola, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Böving and Craighead (1931: 57, as TARSOSTENINAE), generally accepted as in Opitz (2002: 279, as TARSOSTENNINAE [incorrect stem formation]).

EPIPHLOÏNEN Kuwert, 1893: 492 [stem: *Epiphloe-*]. Type genus: *Epiphloeus* Spinola, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schenkling (1910: 113, as EPIPHLOEINI), generally accepted as in Opitz and Herman (2009: 183, as EPIPHLOEINAE); *nomen protectum* (see Opitz and Herman (2009: 184)); although Kuwert apparently originally published his name as a synonym of PHYLLOBAENIDES Lacordaire, 1857, the name EPIPHLOEINI was treated as valid by several authors, e.g., Chapin (1924: 165), before 1961 which made the name available (Art. 11.6.1) (see Opitz and Herman 2009: 184).

DERMESTOIDINI Jakobson, 1911a: 719 [stem: *Dermestoid-*]. Type genus: *Dermestoides* Schaeffer, 1771.

ORTHOPLURINAE Böving and Craighead, 1931: 56, in key [stem: *Orthopleur-*]. Type genus: *Orthopleura* Spinola, 1844.

NEORTHOPLEURINAE Oritz, 2009: 138 [stem: *Neorthopleur-*]. Type genus: *Neorthopleura* Barr, 1976.

PELONIINAE Oritz, 2010: 97 [stem: *Peloni-*]. Type genus: *Pelonium* Spinola, 1844.

Family ACANTHOCNEMIDAE Crowson, 1964

ACANTHOCNEMINAE Crowson, 1964: 317, in key [stem: *Acanthocnem-*]. Type genus: *Acanthocnemus* Perris, 1866.

Family PHYCOSECIDAE Crowson, 1952

PHYCOSECIDAE Crowson, 1952: 117 [stem: *Phycosec-*]. Type genus: *Phycosecis* Pascoe, 1875. Comment: current spelling maintained (Art. 29.3.1.1); incorrect stem formation in prevailing usage (should be *Phycosecid-*).

Family PRIONOCERIDAE Lacordaire, 1857

PRIONOCÉRIDES Lacordaire, 1857: 411 [stem: *Prionocer-*]. Type genus: *Prionocerus* Perty, 1831. Comment: PRIONOCÉRITES was used earlier by Laporte (1840a: 275) but this name was treated as a *lapsus calami* for PRIOCÉRITES Laporte (1834b: 33) by Lawrence and Newton (1995: 871).

Tribe LOBONYCHINI Majer, 1987

LOBONYCHINI Majer, 1987: 790, in key [stem: *Lobonych-*]. Type genus: *Lobonyx* Jacquelin du Val, 1859.

Tribe PRIONOCERINI Lacordaire, 1857

PRIONOCÉRIDES Lacordaire, 1857: 411 [stem: *Prionocer-*]. Type genus: *Prionocerus* Perty, 1831. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Ritsema (1884: 494, as PRIONOCERINI), generally accepted as in M. C. Thomas (2008: 445, as PRIONOCERIDAE); the earlier usage of PRIONOCERITES by Laporte (1840a: 285) was in error for PRIOCERITES in CLERIDAE: CLERINAE (see Lawrence and Newton 1995: 871); PRIONOCERINI Savchenko, 1966 (type genus *Prionocera* Loew, 1844) is available in Diptera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Family MAURONISCIDAE Majer, 1995

MAURONISCIDAE Majer, 1995a: 340 [stem: *Mauronisc-*]. Type genus: *Mauroniscus* Bourgeois, 1911. Comment: published 30 April 1995; this family-group name was also used in the same year by Majer (1995b [1 December]: 57, as MAURONISCIDAE).

Family MELYRIDAE Leach, 1815

MELYRIDES Leach, 1815: 87 [stem: *Melyr-*]. Type genus: *Melyris* Fabricius, 1775.

Subfamily RHADALINAE LeConte, 1861

RHADALINI J. L. LeConte, 1861: 194 [stem: *Rhadal-*]. Type genus: *Rhadalus* J. L. LeConte, 1852.

HAPLOCNÉMATES Mulsant and Rey, 1868a: 181 [stem: *Aplocnem-*]. Type genus: *Aplocnemus* Stephens, 1830 [as *Haplocnemus*, unjustified emendation of type genus name by Agassiz (1846b: 29), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Crowson (1964: 316, as HAPLOCNEMINAE [incorrect stem formation]), generally accepted as in Majer (1987: 800, as APLOCNEMINI); incorrect original stem formation, not in prevailing usage.

MICROJULISTINI Majer, 1987: 797, in key [stem: *Microjulist-*]. Type genus: *Microjulistus* Reitter, 1889.

PELECOPHORINI Majer, 1987: 797, in key [stem: *Pelecophor-*]. Type genus: *Pelecophora* Lapeletier and Audinet-Serville, 1825.

Subfamily MELYRINAE Leach, 1815

MELYRIDES Leach, 1815: 87 [stem: *Melyr-*]. Type genus: *Melyris* Fabricius, 1775.

Tribe ARTHROBRACHINI Majer, 1987

ARTHROBRACHINI Majer, 1987: 793, in key [stem: *Arthrobrach-*]. Type genus: *Arthrobrachus* Solier, 1849.

Tribe ASTYLINI Pic, 1929

ASTYLINI Pic, 1929: 1 [stem: *Astyl-*]. Type genus: *Astylus* Laporte, 1836.

Tribe CERALLINI Pic, 1929

CERALLINI Pic, 1929: 13 [stem: *Cerall-*]. Type genus: *Cerallus* Jacquelin du Val, 1859.

Tribe MELYRINI Leach, 1815

MELYRIDES Leach, 1815: 87 [stem: *Melyr-*]. Type genus: *Melyris* Fabricius, 1775.

Comment: published April 1815; this family-group name was also used in the same year by Rafinesque (1815 [between April and 21 July]: 110, as MELYRIA).

ZYGIDAE Jakobson, 1911a: 687 [stem: *Zygi-*]. Type genus: *Zygia* Fabricius, 1775 [syn. of *Melyris* Fabricius, 1775].

Subfamily DASYTINAE Laporte, 1840

DASYDITES Laporte, 1840a: 280 [stem: *Dasyt-*]. Type genus: *Dasytes* Paykull, 1799.

Tribe CHAETOMALACHIINI Majer, 1987

CHAETOMALACHIINI Majer, 1987: 799, in key [stem: *Chaetomalachi-*]. Type genus: *Chaetomalachius* Kraatz, 1882.

Tribe DANACEINI Thomson, 1859

DANACEA C. G. Thomson, 1859: 108 [stem: *Danace-*]. Type genus: *Danacea* Laporte, 1838 [as *Danacaea*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

AMAURONININI Majer, 1987: 799, in key [stem: *Amauronioid-*]. Type genus: *Amauronioides* Champion, 1923 [syn. of *Pseudamauronia* Pic, 1915]. Comment: incorrect original stem formation, not in prevailing usage.

DANACEOMIMINI Majer, 1987: 799, in key [stem: *Danaceomim-*]. Type genus: *Danaceomimus* Champion, 1922.

Tribe DASYTINI Laporte, 1840

DASYDITES Laporte, 1840a: 280 [stem: *Dasyt-*]. Type genus: *Dasytes* Paykull, 1799. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 117, as DASYTETOIDAE [incorrect stem formation]), generally accepted as in Pic (1937: 1, as DASYTINAE); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Dasytet-*).

COLPOTHISIDAE Gistel, 1848: [11] [stem: *Colpoth-*]. Type genus: *Colpothis* Gistel, 1848 [syn. of *Dasytes* Paykull, 1799]. Comment: incorrect original stem formation, not in prevailing usage.

*HÉNICOPAIRES Mulsant and Rey, 1868a: 264 [stem: *Enicopod-*]. Type genus: *Enicopus* Stephens, 1830 [as *Henicopus*, unjustified emendation of type genus name by Agassiz (1846b: 138), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant and Rey (1868a); incorrect original stem formation, not in prevailing usage.

HENICOPINI Escalera, 1927: 7 [stem: *Enicopod-*]. Type genus: *Enicopus* Stephens, 1830 [as *Henicopus*, unjustified emendation of type genus name by Agassiz (1846b: 138), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe GIETELLINI Constantin and Menier, 1987

GIETELLINAE Constantin and Menier, 1987: 62 [stem: *Gietell-*]. Type genus: *Gietella* Constantin and Menier, 1987.

Tribe LISTRINI Majer, 1990

LISTRINI Majer, 1990: 371 [stem: *Listr-*]. Type genus: *Listrus* Motschulsky, 1859.

Subfamily MALACHIINAE Fleming, 1821

MALACHIUSIDAE Fleming, 1821: 50 [stem: *Malachi-*]. Type genus: *Malachius* Fabricius, 1775.

Tribe AMALTHOCINI Majer, 2002

AMALTHOCINAE Majer, 2002: 186 [stem: *Amalthoc*-.] Type genus: *Amalthocus* Fairmaire, 1886.

Tribe ATTALOMIMINI Majer, 1995

ATTALOMIMIDAE Majer, 1995a: 378 [stem: *Attalomim*-.] Type genus: *Attalomimus* Wittmer, 1976.

Tribe CARPHURINI Champion, 1923

CARPHURINAE Champion, 1923: 2 [stem: *Carphur*-.] Type genus: *Carphurus* Erichson, 1840.

Tribe LEMPHINI Wittmer, 1976

LEMPHINI Wittmer, 1976: 427 [stem: *Lemph*-.] Type genus: *Lemphus* Erichson, 1840.

Tribe MALACHIINI Fleming, 1821

MALACHIUSIDAE Fleming, 1821: 50 [stem: *Malachi*-.] Type genus: *Malachius* Fabricius, 1775. Comment: incorrect original stem formation, not in prevailing usage.

TAMULIDAE Gistel, 1848: [11] [stem: *Tamul*-.] Type genus: *Tamulus* Gistel, 1848 [syn. of *Malachius* Fabricius, 1775].

POLYCYSTOPHORIDAE Gistel, 1856a: 385 [stem: *Polycystophor*-.] Type genus: *Polycystophorus* Gistel, 1856 [this genus was included by Gistel in his new family POLYCYSTOPHORIDAE along with one genus now classified in CANTHARIDAE (*Malthinus* Latreille) and four genera of MALACHIINAE (*Anthocomus* Erichson, *Ebaeus* Erichson, *Charopus* Erichson and *Troglops* Erichson); several available species names were originally included in *Polycystophorus* (Gistel, 1856a: 385), we hereby select *Cantharis aeneus* Linnaeus, 1758 as the type species; **syn. nov.** of *Malachius* Fabricius, 1775]. Comment: **syn. nov.**

APALOCHRAIRES Mulsant and Rey, 1867b: 19 [stem: *Apalochr*-.] Type genus: *Apalochrus* Erichson, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Houlbert (1922a: 250, as APALOCHRINI).

*ANTHOCOMATES Mulsant and Rey, 1867b: 127 [stem: *Anthocom*-.] Type genus: *Anthocomus* Erichson, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*TROGLOPATES Mulsant and Rey, 1867b: 281 [stem: *Troglop*-.] Type genus: *Troglops* Erichson, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CAULAUTAIRES Abeille de Perrin, 1890: 244 [stem: *Color*-.] Type genus: *Colotes* Erichson, 1840 [as *Caulautes*, unjustified emendation of type genus name by Abeille de Perrin (1890), not in prevailing usage]. Comment: original vernacular name

available (Art. 11.7.2): first used in latinized form by Bertkau (1891: 304, as COLOTINI), generally accepted as in Hansen (1996: 152, as COLOTINI); incorrect original stem formation, not in prevailing usage; COLOTINI Larsen, 1983 (type genus *Colotis* Hübner, 1819) does not appear to be available in Lepidoptera: PIERIDAE; if the Lepidoptera name is found to be available then this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

ATTALAIRES Abeille de Perrin, 1891: 364 [stem: *Attal-*]. Type genus: *Attalus* Erichson, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hatch (1962: 87, as ATTALINA), generally accepted as in Mayor (2007: 419, as ATTALINI).

LAIINA Jakobson, 1911a: 688 [stem: *Lai-*]. Type genus: *Laius* Guérin-Méneville, 1838. ILLOPINA Jakobson, 1911a: 688 [stem: *Illop-*]. Type genus: *Illops* Erichson, 1840.

PARATINI Portevin, 1931: 426, in key [stem: *Paratin-*]. Type genus: *Paratinus* Abeille de Perrin, 1891 [syn. of *Apalochrus* Erichson, 1840]. Comment: the correct spelling PARATININI was used in the same work on page 442.

EBAEINI Portevin, 1931: 426, in key [stem: *Ebae-*]. Type genus: *Ebaeus* Erichson, 1840.

COLLOPINA Hatch, 1962: 88, in key [stem: *Collop-*]. Type genus: *Collops* Erichson, 1840.

Tribe PAGURODACTYLINI Constantin, 2001

PAGURODACTYLINAE Constantin, 2001: 6 [stem: *Pagurodactyl-*]. Type genus: *Pagurodactylus* Gorham, 1900.

MELYRIDAE *incertae sedis*

ELOSOMATIDAE Jakobson, 1915: 993 [stem: *Elosomat-*]. Type genus: *Elosoma* Motschulsky, 1845. Comment: transferred from SALPINGIDAE by Zerche (2004), correct placement within the family uncertain.

Superfamily CUCUJOIDEA Latreille, 1802

CUCUJIPES Latreille, 1802: 210 [stem: *Cucuj-*]. Type genus: *Cucujus* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: First Reviser (CUCUJOIDEA Latreille, 1802 vs EROTYLOIDEA Latreille, 1802 vs NITIDULOIDEA Latreille, 1802) not determined, current usage maintained.

†Family PARANDREXIDAE Kirejtshuk, 1994

PARANDREXIDAE Kirejtshuk, 1994: 57 [stem: *Parandrex-*]. Type genus: *Parandrexia* Martynov, 1926. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Parandrex-*).

†Family SINISILVANIDAE Hong, 2002

SINISILVANIDAE Hong, 2002: 132 [stem: *Sinisilvan-*]. Type genus: *Sinisilvana* Hong, 2002.

Family BOGANIIDAE Sen Gupta and Crowson, 1966

BOGANIIDAE Sen Gupta and Crowson, 1966: 63 [stem: *Bogani*-.] Type genus: *Boganium* Sen Gupta and Crowson, 1966.

Subfamily PARACUCUJINAE Endrödy-Younga and Crowson, 1986

PARACUCUJINAE Endrödy-Younga and Crowson, 1986: 255 [stem: *Paracucuj*-.] Type genus: *Paracucujus* Sen Gupta and Crowson, 1966.

ATHERTONIINI Crowson, 1990: 91 [stem: *Athertoni*-.] Type genus: *Athertonium* Crowson, 1990.

Subfamily BOGANIINAE Sen Gupta and Crowson, 1966

BOGANIIDAE Sen Gupta and Crowson, 1966: 63 [stem: *Bogani*-.] Type genus: *Boganium* Sen Gupta and Crowson, 1966.

Family BYTURIDAE Gistel, 1848

BYTURIDAE Gistel, 1848: [3] [stem: *Bytur*-.] Type genus: *Byturus* Latreille, 1797.

Subfamily PLATYDASCILLINAE Pic, 1914

PLATYDASCILLIDAE Pic, 1914: 20 [stem: *Platydascill*-.] Type genus: *Platydascillus* Everts, 1909.

Subfamily BYTURINAE Gistel, 1848

BYTURIDAE Gistel, 1848: [3] [stem: *Bytur*-.] Type genus: *Byturus* Latreille, 1797.
Comment: family-group name previously attributed to Jacquelin du Val (1858: 211).

Family HELOTIDAE Chapuis, 1876

HÉLOTIDES Chapuis, 1876: 15 [stem: *Helot*-.] Type genus: *Helota* W. S. MacLeay, 1825.
Comment: published before 1 May 1876; original vernacular name available (Art. 11.7.2): used in latinized form by several authors subsequently, generally accepted as in Lawrence and Newton (1995: 875, as “HELOTIDAE Reitter, 1876/Chapuis, 1876”); this family-group name was also used in the same year by Reitter (1876a [before 15 August]: 5, as HELOTIDAE); this is a junior homonym of HELOTIDAE Adams et al., 1854 (type genus *Helotes* Cuvier, 1829) in Pisces, this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Family PROTOCUCUJIDAE Crowson, 1954

PROTOCUCUJIDAE Crowson, 1954: 60 [stem: *Protocucuj*-.] Type genus: *Protocucujus* Crowson, 1954.

Family SPHINDIDAE Jacquelin du Val, 1860

SPHINDIDES Jacquelin du Val, 1860: 224 [stem: *Sphind*-.] Type genus: *Sphindus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1997)].

Comment: this name (as SPHINDIDAE Jacquelin du Val, [1861]) was placed on the Official List of Family-Group Names in Zoology and ruled under the plenary power that this and other family-group names based on *Sphindus* Dejean, 1821 are to be given precedence over ASPIDIPHORIDAE Kiesenwetter, 1877 (1859) and other family-group names based on *Aspidiphorus* Dejean, 1821 whenever their type genera are placed in the same family-group taxon (ICZN 1997).

Subfamily PROTOSPHINDINAE Sen Gupta and Crowson, 1979

PROTOSPHINDINAE Sen Gupta and Crowson, 1979: 179, in key [stem: *Protsphind-*].

Type genus: *Protsphindus* Sen Gupta and Crowson, 1979.

Subfamily ODONTOSPHINDINAE Sen Gupta and Crowson, 1979

ODONTOSPHINDINI Sen Gupta and Crowson, 1979: 180, in key [stem: *Odontosphind-*].

Type genus: *Odontosphindus* Sen Gupta and Crowson, 1979.

Subfamily SPHINDIPHORINAE Sen Gupta and Crowson, 1979

SPHINDIPHORINI Sen Gupta and Crowson, 1979: 180, in key [stem: *Sphindiphor-*].

Type genus: *Sphindiphorus* Sen Gupta and Crowson, 1979.

Subfamily SPHINDINAE Jacquelin du Val, 1860

CONIPORINA C. G. Thomson, 1859: 90 [stem: *Conipor-*]. Type genus: *Coniporus* C. G. Thomson, 1859 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1997); syn. of *Aspidiphorus* Dejean, 1821]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

SPHINDIDES Jacquelin du Val, 1860: 224 [stem: *Sphind-*]. Type genus: *Sphindus* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1997)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1877: 7, as SPHINDINI), generally accepted as in Lawrence and Newton (1995: 872, as SPHINDIDAE).

ASPIDIPHORIDAE Kiesenwetter, 1877: 198 [stem: *Aspidiphor-*]. Type genus: *Aspidiphorus* Dejean, 1821 [*Arpidiphorus*, the original spelling of the type genus, as well as *Aspidophorus* Agassiz, 1846 were placed on the Official Index of Rejected and Invalid Generic Names in Zoology and *Aspidiphorus* was placed on the Official List of Generic Names in Zoology (ICZN 1997)]. Comment: this name (as ASPIDIPHORIDAE Kiesenwetter, 1877 (1859)) was placed on the Official List of Family-Group Names in Zoology and ruled under the plenary power that this and other family-group names based on *Aspidiphorus* are not to be given priority over SPHINDIDAE and other family-group names based on *Sphindus* Dejean, 1821 whenever their type genera are placed in the same family-group taxon (ICZN 1997).

EURYSPHINDINAE Sen Gupta and Crowson, 1979: 180, in key [stem: *Eurysphind-*].

Type genus: *Eurysphindus* J. L. LeConte, 1878.

Family BIPHYLLIDAE LeConte, 1861

DIPHYLLIDAE J. L. LeConte, 1861: 105 [stem: *Biphyll-*]. Type genus: *Biphyllus* Dejean, 1821 [as *Diphyllus*, unjustified emendation of type genus name by Agassiz (1846b: 47), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage (see Cline and Shockley 2010).

Family EROTYLIDAE Latreille, 1802

EROTILENAE Latreille, 1802: 233 [stem: *Erotyl-*]. Type genus: *Erotylus* Fabricius, 1775.

Subfamily XENOSCELINAE Ganglbauer, 1899

XENOSCELINI Ganglbauer, 1899: 649 [stem: *Xenoscel-*]. Type genus: *Xenoscelis* Wollaston, 1864. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Xenoscelid-*).

EICOLYCTINI Vogt, 1967: 103 [stem: *Eicolyct-*]. Type genus: *Eicolyctus* J. R. Sahlberg, 1919 [syn. of *Zavaljus* Reitter, 1880].

LOBERONOTHINI Sen Gupta and Crowson, 1969a: 127 [stem: *Loberonoth-*]. Type genus: *Loberonotha* Sen Gupta and Crowson, 1969.

Subfamily PHARAXONOTHINAE Crowson, 1952

SETARIINI Casey, 1900: 77 [stem: *Setari-*]. Type genus: *Setaria* Mulsant and Rey, 1863 [preoccupied genus name, not *Setaria* Viborg, 1795 [Vermes], not *Setaria* Oken, 1815 [Vermes], not *Setaria* Blyth, 1844 [Aves]; syn. of *Setariola* Jakobson, 1915]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PHARAXONOTHINAE Crowson, 1952: 127 [stem: *Pharaxonoth-*]. Type genus: *Pharaxonotha* Reitter, 1875. Comment: First Reviser found (PHARAXONOTHINAE Crowson, 1952 vs SETARIOLINAE Crowson, 1952) is Leschen (2003: 35).

SETARIOLINAE Crowson, 1952: 127 [stem: *Setariol-*]. Type genus: *Setariola* Jakobson, 1915.

XENOSCELININI Sen Gupta and Crowson, 1971: 5, in key [stem: *Xenoscelin-*]. Type genus: *Xenoscelinus* Grouvelle, 1910 [syn. of *Cathartocryptus* Sharp, 1886].

Subfamily LOBERINAE Bruce, 1951

LOBERINAE Bruce, 1951: 4 [stem: *Lober-*]. Type genus: *Loberus* J. L. LeConte, 1861. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Sen Gupta (1968a: 1, as LOBERINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Subfamily LANGURIINAE Hope, 1840

LANGUIRIDAE Hope, 1840a: 190 [stem: *Languri-*]. Type genus: *Languria* Latreille, 1802 [as *Languria*, incorrect subsequent spelling of type genus name, not in prevailing usage].

Tribe HAPALIPINI Leschen, 2003

HAPALIPINI Leschen, 2003: 38 [stem: *Hapalip-*]. Type genus: *Hapalips* Reitter, 1877.

Tribe LANGURIINI Hope, 1840

LANGUIRIDAE Hope, 1840a: 190 [stem: *Languri-*]. Type genus: *Languria* Latreille, 1802 [as *Languria*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; family-group name previously attributed to Crotch (1873c) by Pakaluk et al. (1994) and subsequent authors; usage of «Wiedeman, 1823» as the correct author and year for this family-group name in the literature is incorrect (see Pakaluk et al. 1994).

CLADOXENINAE Arrow, 1925: 166 [stem: *Cladoxen-*]. Type genus: *Cladoxena* Motschulsky, 1866.

Tribe THALLISELLINI Sen Gupta, 1968

THALLISELLINI Sen Gupta, 1968b: 470 [stem: *Thallisell-*]. Type genus: *Thallisella* Crotch, 1876.

Subfamily CRYPTOPHILINAE Casey, 1900

CRYPTOPHILINI Casey, 1900: 77 [stem: *Cryptophil-*]. Type genus: *Cryptophilus* Reitter, 1874.

Tribe CRYPTOPHILINI Casey, 1900

CRYPTOPHILINI Casey, 1900: 77 [stem: *Cryptophil-*]. Type genus: *Cryptophilus* Reitter, 1874.

Tribe EMPOCRYPTINI Leschen, 2003

EMPOCRYPTINI Leschen, 2003: 41 [stem: *Empocrypt-*]. Type genus: *Empocryptus* Sharp, 1900.

Tribe TORAMINI Sen Gupta, 1967

TORAMINAE Sen Gupta, 1967: 168 [stem: *Toram-*]. Type genus: *Toramus* Grouvelle, 1916.

Subfamily EROTYLINAE Latreille, 1802

EROTILENAE Latreille, 1802: 233 [stem: *Erotyl-*]. Type genus: *Erotylus* Fabricius, 1775.

Tribe DACNINI Gistel, 1848

*ENGIDITES Latreille, 1829a: 506 [stem: *Eng-*]. Type genus: *Engis* Paykull, 1800 [syn. of *Dacne* Latreille, 1797]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time.

DACNEIDAE Gistel, 1848: [3] [stem: *Dacn*-]. Type genus: *Dacne* Latreille, 1797.

Comment: incorrect original stem formation, not in prevailing usage.

CRYPTODACNINI Sen Gupta, 1970: 101, in key [stem: *Cryptodacn*-]. Type genus: *Cryptodacne* Sharp, 1878.

Tribe ENCAUSTINI Crotch, 1876

ENGIDAE W. S. MacLeay, 1825: 40 [stem: *Engid*-]. Type genus: *Engis* sensu W. S. MacLeay, 1825 [not *Engis* Paykull, 1800; syn. of *Encaustes* Lacordaire, 1842].

Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

ENCAUSTINI Crotch, 1876: 476 [stem: *Encaust*-]. Type genus: *Encaustes* Lacordaire, 1842. Comment: published after February 1876; this family-group name was also used in the same year by Chapuis (1876 [before 1 May]: 46, as ENCAUSTITES).

Tribe EROTYLINI Latreille, 1802

EROTILENAE Latreille, 1802: 233 [stem: *Erotyl*-]. Type genus: *Erotylus* Fabricius, 1775. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MEGALODACNINI Sen Gupta, 1970

MEGALODACNINI Sen Gupta, 1970: 100, in key [stem: *Megalodacn*-]. Type genus: *Megalodacne* Crotch, 1873.

Tribe TRITOMINI Curtis, 1834

TRITOMIDAE Curtis, 1834: plate 498 [stem: *Tritom*-]. Type genus: *Tritoma* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

TRIPLACINAE Erichson, 1847a: 179 [stem: *Triplac*-]. Type genus: *Triplax* Herbst, 1793.

RENANINAE Chûjô, 1941: 10 [stem: *Renani*-]. Type genus: *Renania* Lewis, 1887.

CYRTOTRIPLACINA Chûjô, 1969: 201 [stem: *Cyrtotriplac*-]. Type genus: *Cyrtotriplax* Crotch, 1873 [syn. of *Tritoma* Fabricius, 1775].

Family MONOTOMIDAE Laporte, 1840

MONOTOMITES Laporte, 1840b: 377 [stem: *Monotom*-]. Type genus: *Monotoma* Herbst, 1793.

Subfamily RHIZOPHAGINAE Redtenbacher, 1845

RHIZOPHAGI L. Redtenbacher, 1845: 125 [stem: *Rhizophag*-]. Type genus: *Rhizophagus* Herbst, 1793 [the original spelling *Ryzophagus* was placed on the Official Index of Rejected and Suppressed Generic Names in Zoology, *Rhizophagus* was considered

the correct original spelling of the genus and placed on the Official List of Generic Names in Zoology (ICZN 1995b)].

Subfamily MONOTOMINAE Laporte, 1840

MONOTOMITES Laporte, 1840b: 377 [stem: *Monotom*-. Type genus: *Monotoma* Herbst, 1793.

Tribe EUROPINI Sen Gupta, 1988

EUROPINI Sen Gupta, 1988: 14, in key [stem: *Europ*-. Type genus: *Europs* Wolaston, 1854.

Tribe LENACINI Crowson, 1952

LENACINAE Crowson, 1952: 121 [stem: *Lenac*-. Type genus: *Lenax* Sharp, 1877.

Tribe MONOTOMINI Laporte, 1840

MONOTOMITES Laporte, 1840b: 377 [stem: *Monotom*-. Type genus: *Monotoma* Herbst, 1793 [*nomen protectum*; this genus name is a junior homonym of *Monotoma* Panzer, 1792 *nomen oblitum*; we provide references to support the conservation of *Monotoma* Herbst, 1793 as the valid name for this genus (Art. 23.9.1) (see Appendix 1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 238, as MONOTOMOIDEAE), generally accepted as in Pakaluk et al. (1994: 230, as MONOTOMIDAE).

†Tribe RHIZOPHTOMINI Kirejtshuk and Azar, 2009

RHIZOPHTOMINAE Kirejtshuk and Azar, 2009: 123 [stem: *Rhizophptom*-. Type genus: *Rhizophptoma* Kirejtshuk and Azar, 2009.

Tribe THIONINI Crowson, 1952

THIONINAE Crowson, 1952: 121 [stem: *Thion*-. Type genus: *Thione* Sharp, 1899.

Family HOBARTIIDAE Sen Gupta and Crowson, 1966

HOBARTIINI Sen Gupta and Crowson, 1966: 65, in key [stem: *Hobarti*-. Type genus: *Hobartius* Sen Gupta and Crowson, 1966.

Family CRYPTOPHAGIDAE Kirby, 1826

CRYPTOPHAGIDAE Kirby, 1826: 504 [stem: *Cryptophag*-. Type genus: *Cryptophagus* Herbst, 1792.

Subfamily CRYPTOPHAGINAE Kirby, 1826

CRYPTOPHAGIDAE Kirby, 1826: 504 [stem: *Cryptophag*-. Type genus: *Cryptophagus* Herbst, 1792.

Tribe CAENOSCELINI Casey, 1900

CAENOSCELINI Casey, 1900: 103 [stem: *Caenoscel-*]. Type genus: *Caenoscelis* C. G. Thomson, 1863. Comment: First Reviser found (CAENOSCELINI Casey, 1900 vs STERNODEINI Casey, 1900) is Leschen (1996: 607); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Caenoscelid-*).

STERNODEINI Casey, 1900: 103 [stem: *Sternode-*]. Type genus: *Sternodea* Reitter, 1875.

Tribe CRYPTOPHAGINI Kirby, 1826

IPS Latreille, 1802: 129 [stem: *Ip-*]. Type genus: *Ips* sensu Latreille, 1802 [not *Ips* DeGeer, 1775; syn. of *Cryptophagus* Herbst, 1792]. Comment: although the spelling of the family-group names is identical to the spelling of the type genus, it is clear, based on other evidence from the same work, that Latreille was using it as a family-group name (see Lawrence and Newton 1995: 913); based on a misidentified type genus; name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see IPINI Bedel, 1888 in CURCULIONIDAE: SCOLYTINAE.

CRYPTOPHAGIDAE Kirby, 1826: 504 [stem: *Cryptophag-*]. Type genus: *Cryptophagus* Herbst, 1792 [the original spelling *Kryptophagus* was placed on the Official Index of Rejected and Suppressed Generic Names in Zoology, *Cryptophagus* was considered the correct original spelling of the genus and placed on the Official List of Generic Names in Zoology (ICZN 1995b)].

TELMATOPHILIDES Jacquelin du Val, 1858: 209 [stem: *Telmatophil-*]. Type genus: *Telmatophilus* Heer, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 98, as TELMATOPHILINI), generally accepted as Telnov (2004: 73, as TELMATOPHILINI).

ANTHEROPHAGI J. L. LeConte, 1861: 98 [stem: *Antherophag-*]. Type genus: *Antherophagus* Dejean, 1821.

PARAMECOSOMINA Reitter, 1875: 4 [stem: *Paramecosomat-*]. Type genus: *Paramecosoma* Curtis, 1833. Comment: incorrect original stem formation, not in prevailing usage.

CATOPOCHROTIDAE Reitter, 1889a: 289 [stem: *Catopochrot-*]. Type genus: *Catopochrotus* Reitter, 1889.

EMPHYLI Casey, 1900: 86 [stem: *Emphyl-*]. Type genus: *Emphylus* Erichson, 1846 [syn. of *Spavius* Motschulsky, 1844].

SPANIOPHAENI Casey, 1900: 86 [stem: *Spaniophae-*]. Type genus: *Spaniophaeus* Reitter, 1875.

Tribe PICROTINI Crowson, 1980

PICROTINI Crowson, 1980: 283 [stem: *Picrot-*]. Type genus: *Picrotus* Sharp, 1886.

*CRYPTOSOMATULINI Crowson, 1980: 284 [stem: *Cryptosomatul-*]. Type genus: *Cryptosomatula* Bruce, 1940. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CRYPTOSOMATULINI Leschen, 1996: 605 [stem: *Cryptosomatul-*]. Type genus: *Cryptosomatula* Bruce, 1940.

Subfamily ATOMARIINAE LeConte, 1861

ATOMARIINI J. L. LeConte, 1861: 99 [stem: *Atomari-*]. Type genus: *Atomaria* Stephens, 1829.

Tribe ATOMARIINI LeConte, 1861

ATOMARIINI J. L. LeConte, 1861: 99 [stem: *Atomari-*]. Type genus: *Atomaria* Stephens, 1829.

EPHISTEMINI Casey, 1900: 104 [stem: *Ephistem-*]. Type genus: *Ephistemus* Stephens, 1829.

*SALLTIINI Crowson, 1980: 284 [stem: *Sallti-*]. Type genus: *Salltius* Broun, 1893. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*ATOMAROIDINI Lyubarsky, 1998: 71 [stem: *Atomaroid-*]. Type genus: *Atomaroides* Lyubarsky, 1989. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe CRYPTAFRICINI Leschen, 1996

CRYPTAFRICINI Leschen, 1996: 623 [stem: *Cryptafric-*]. Type genus: *Cryptafricus* Leschen, 1996.

*MICROPHAGINI Lyubarsky, 1998: 39, in key [stem: *Microphag-*]. Type genus: *Microphagus* Leschen, 1996. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*SCYTOMARIINI Lyubarsky, 1998: 71 [stem: *Scytomari-*]. Type genus: *Scytomaria* Lyubarsky, 1998 [syn. of *Anitamaria* Leschen, 1996]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe HYPOCOPRINI Reitter, 1879

HYPOCOPRINI Reitter, 1879: 74 [stem: *Hypocopr-*]. Type genus: *Hypocoprus* Motschulsky, 1839.

*ALFIERIELLINEAE Crowson, 1980: 282 [stem: *Alfieriell-*]. Type genus: *Alfieriella* Wittmer, 1935. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

- *HYPOPHAGINA Lyubarsky, 1998: 71 [stem: *Hypophag*-.]. Type genus: *Hypophagus* Lyubarsky, 1989. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Family AGAPYTHIDAE Sen Gupta and Crowson, 1969

- AGAPYTHINAE Sen Gupta and Crowson, 1969b: 579, in key [stem: *Agapyth*-.]. Type genus: *Agapytho* Broun, 1921.

Family PRIASILPHIDAE Crowson, 1973

- PRIASILPHINAE Crowson, 1973a: 56 [stem: *Priasilph*-.]. Type genus: *Priasilpha* Broun, 1893.

Family PHLOEOSTICHIDAE Reitter, 1911

- PHLOEOSTICHINI Reitter, 1911: 44 [stem: *Phloeostich*-.]. Type genus: *Phloeostichus* W. Redtenbacher, 1842.

- HYMAEINAE Sen Gupta and Crowson, 1966: 65, in key [stem: *Hymae*-.]. Type genus: *Hymaea* Pascoe, 1869.

Family SILVANIDAE Kirby, 1837

- SILVANIDAE Kirby, 1837: 110 [stem: *Silvan*-.]. Type genus: *Silvanus* Latreille, 1804.

Subfamily BRONTINAE Blanchard, 1845

- BRONTITES Blanchard, 1845b: 134 [stem: *Bront*-.]. Type genus: *Brontes* Fabricius, 1801.

Tribe BRONTINI Blanchard, 1845

- BRONTITES Blanchard, 1845b: 134 [stem: *Bront*-.]. Type genus: *Brontes* Fabricius, 1801. Comment: published before 11 June 1845; original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1845 [before 31 June]: 304, as BRONTINI), treated as available by Lawrence and Newton (1995: 876).

- DENDROPHAGIDAE Gistel, 1848: [8] [stem: *Dendrophag*-.]. Type genus: *Dendrophagus* Schönherr, 1809.

- ULEIOTAEIDAE Gistel, 1848: [10] [stem: *Uleiota*-.]. Type genus: *Uleiota* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TELEPHANINI LeConte, 1861

- TELEPHANIDAE J. L. LeConte, 1861: 96 [stem: *Telephan*-.]. Type genus: *Telephanus* Erichson, 1845.

- PSEUDOPHANINI J. L. LeConte, 1861: 96 [stem: *Pseudophan*-.]. Type genus: *Pseudophanus* J. L. LeConte, 1859 [syn. of *Cryptamorpha* Wollaston, 1854].

- PSAMMOECINI Reitter, 1879: 74 [stem: *Psammoec*-.]. Type genus: *Psammoecus* Latreille, 1829.

CRYPTAMORPHINI Casey, 1884: 102 [stem: *Cryptamorph-*]. Type genus: *Cryptamorpha* Wollaston, 1854.

Subfamily SILVANINAE Kirby, 1837

SILVANIDAE Kirby, 1837: 110 [stem: *Silvan-*]. Type genus: *Silvanus* Latreille, 1804.

Comment: incorrect original stem formation, not in prevailing usage.

Family CUCUJIDAE Latreille, 1802

CUCUJIPES Latreille, 1802: 210 [stem: *Cucuj-*]. Type genus: *Cucujus* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

*BIOPHLOCES Motschulsky, 1849: 60 [stem: *Biophloe-*]. Type genus: *Biophloeus* Dejean, 1835 [*nomen oblitum*; this genus name is a senior synonym of the well-established name *Pediacus* Shuckard, 1839 *nomen protectum*; however since *Biophloeus* Dejean has not been used as valid after 1899 to our knowledge, we provide references to support the conservation of *Pediacus* as the valid name for this genus (Art. 23.9.1) (see Appendix 1)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EAROPHILIDAE Gistel, 1856a: 375 [stem: *Earophil-*]. Type genus: *Earophilus* Gistel, 1856 [syn. of *Cucujus* Fabricius, 1775].

Family MYRABOLIIDAE Lawrence and Britton, 1991

MYRABOLIINAE Lawrence and Britton, 1991: 650 [stem: *Myraboli-*]. Type genus: *Myrabolia* Reitter, 1876.

Family CAVOGNATHIDAE Sen Gupta and Crowson, 1966

CAVOGNATHINAE Sen Gupta and Crowson, 1966: 65, in key [stem: *Cavognath-*]. Type genus: *Cavognatha* Crowson, 1964 [syn. of *Taphropiestes* Reitter, 1875].

Family LAMINGTONIIDAE Sen Gupta and Crowson, 1969

LAMINGTONIIDAE Sen Gupta and Crowson, 1969a: 125 [stem: *Lamingtoni-*]. Type genus: *Lamingtonium* Sen Gupta and Crowson, 1969.

Family PASSANDRIDAE Blanchard, 1845

PASSANDRITES Blanchard, 1845b: 134 [stem: *Passandr-*]. Type genus: *Passandra* Dalman, 1817. Comment: published before 11 June 1845; original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1845 [before June 31]: 304, as PASSANDRINI), treated as available by Lawrence and Newton (1995: 876).

ANCISTRINI Sharp, 1899b: 541 [stem: *Ancistri-*]. Type genus: *Ancistria* Erichson, 1845.

CATOGENINI Grouvelle, 1916: 6 [stem: *Catogen-*]. Type genus: *Catogenus* Westwood, 1830.

PASSANDRELLINI Grouvelle, 1916: 6 [stem: *Passandrell-*]. Type genus: *Passandrella* Grouvelle, 1916.

SCALIDIINI Grouvelle, 1916: 6 [stem: *Scalidi-*]. Type genus: *Scalidia* Erichson, 1845.

LAEMOTMETINI Kessel, 1921: 35 [stem: *Laemotmet-*]. Type genus: *Laemotmetus* Gerstaecker, 1871 [syn. of *Aulonosoma* Motschulsky, 1858].

Family PHALACRIDAE Leach, 1815

PHALACRURIDA Leach, 1815: 116 [stem: *Phalacr-*]. Type genus: *Phalacrus* Paykull, 1800.

Subfamily PHAENOCEPHALINAE Matthews, 1899

PHAENOCEPHALIDAE A. Matthews, 1899: 205 [stem: *Phaenocephal-*]. Type genus: *Phaenocephalus* Wollaston, 1873.

Subfamily PHALACRINAE Leach, 1815

PHALACRURIDA Leach, 1815: 116 [stem: *Phalacr-*]. Type genus: *Phalacrus* Paykull, 1800. Comment: incorrect original stem formation, not in prevailing usage.

IDIOBIIDAE Gistel, 1856a: 383 [stem: *Idiobi-*]. Type genus: *Idiobius* Gistel, 1856 [syn. of *Olibrus* Erichson, 1845].

EUSTILBINI Guillebeau, 1892: 149 [stem: *Eustilb-*]. Type genus: *Eustilbus* Sharp, 1888.

OLIBRINI Guillebeau, 1892: 147 [stem: *Olibr-*]. Type genus: *Olibrus* Erichson, 1845.

TOLYPHINI Guillebeau, 1892: 147 [stem: *Tolyph-*]. Type genus: *Tolyphus* Erichson, 1845.

BIOPHYTINI Guillebeau, 1894: 276, in key [stem: *Biophyt-*]. Type genus: *Biophytus* Guillebeau, 1894.

MEGAPALPINI Guillebeau, 1894: 278, in key [stem: *Megapalp-*]. Type genus: *Megapalpus* Guillebeau, 1893 [preoccupied genus name, not *Megapalpus* Macquart, 1834 [Diptera]; syn. of *Megistopalpus* Guillebeau, 1895]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

OCHROLITINI Guillebeau, 1894: 278, in key [stem: *Ochrolit-*]. Type genus: *Ochrolitus* Sharp, 1889.

STILBINI Jakobson, 1915: 948 [stem: *Stilb-*]. Type genus: *Stilbus* Seidlitz, 1872.

Family PROPALTICIDAE Crowson, 1952

PROPALTICIDAE Crowson, 1952: 117 [stem: *Propaltic-*]. Type genus: *Propalticus* Sharp, 1879.

Family LAEMOPHLOEIDAE Ganglbauer, 1899

LAEMOPHLOEINI Ganglbauer, 1899: 606 [stem: *Laemophloe-*]. Type genus: *Laemophloeus* Dejean, 1835.

NARTHECIINAE Grouvelle, 1908: 453 [stem: *Nartheci-*]. Type genus: *Narthecius* J. L. LeConte, 1861.

Family TASMOSALPINGIDAE Lawrence and Britton, 1991

TASMOSALPINGINAE Lawrence and Britton, 1991: 651 [stem: *Tasmosalping*-. Type genus: *Tasmosalpingus* Lea, 1918.

Family CYCLAXYRIDAE Gimmel, Leschen and Ślipiński, 2009

*CYCLAXYRINAE Crowson, 1984: 259 [stem: *Cyclaxyr*-. Type genus: *Cyclaxyra* Broun, 1893 [placed on the Official List of Generic Names in Zoology (ICZN 1988a)]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

CYCLAXYRIDAE Gimmel et al., 2009: 513 [stem: *Cyclaxyr*-. Type genus: *Cyclaxyra* Broun, 1893 [placed on the Official List of Generic Names in Zoology (ICZN 1988a)]. Comment: although this family-group name was used several times before 2009, all previous uses of the name were unavailable (see Gimmel et al. 2009: 512, 513).

Family KATERETIDAE Kirby, 1837

CATHERETIDAE Kirby, 1837: 107 [stem: *Kateret*-. Type genus: *Kateretes* Herbst, 1793 [as *Catheretes*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Kateretes* Herbst, 1793 placed on Official List of Generic Names in Zoology (ICZN 1999b)]. Comment: incorrect original stem formation, not in prevailing usage; KATERETIDAE chosen as correct spelling of the family-group name, given precedence over BRACHYPTERIDAE Erichson, 1845 and placed on Official List of Family-Group Names in Zoology (ICZN 1999b, as KATERETIDAE Erichson in Agassiz, 1846); discovery of the older available name proposed by Kirby (1837) removes priority problems with BRACHYPTERINAE.

BRACHYPTERINAE Erichson, 1845: 125 [stem: *Brachypter*-. Type genus: *Brachypterus* Kugelann, 1794 [placed on the Official List of Generic Names in Zoology (ICZN 1999b)]. Comment: placed on Official List of Family-Group Names in Zoology (ICZN 1999b).

CERCIDAE Desmarest, 1851: 291 [stem: *Cerc*-. Type genus: *Cercus* Latreille, 1797 [syn. of *Kateretes* Herbst, 1793].

Family NITIDULIDAE Latreille, 1802

NITIDULARIAE Latreille, 1802: 131 [stem: *Nitidul*-. Type genus: *Nitidula* Fabricius, 1775. Comment: the classification of NITIDULIDAE follows Kirejtshuk (2008).

Subfamily CALONECRINAE Kirejtshuk, 1982

CALONECRINAE Kirejtshuk, 1982: 117 [stem: *Calonecr*-. Type genus: *Calonecrus* J. Thomson, 1857.

Subfamily MAYNIPELINAE Kirejtshuk, 1998

MAYNIPELINAE Kirejtshuk, 1998b: 540 [stem: *Maynipepl*-. Type genus: *Maynipeplus* Kirejtshuk, 1998.

Subfamily EPURAEINAE Kirejtshuk, 1986

EPURAEINI Kirejtshuk, 1986: 27 [stem: *Epurae-*]. Type genus: *Epuraea* Erichson, 1843.

Tribe EPURAEINI Kirejtshuk, 1986

EPURAEINI Kirejtshuk, 1986: 27 [stem: *Epurae-*]. Type genus: *Epuraea* Erichson, 1843.

Tribe TAENIONCINI Kirejtshuk, 1998

TAENIONCINI Kirejtshuk, 1998a: 322 [stem: *Taenionc-*]. Type genus: *Taenioncus* Kirejtshuk, 1984.

Subfamily CARPOPHILINAE Erichson, 1842

CARPOPHILINAE Erichson, 1842: 148 [stem: *Carpophil-*]. Type genus: *Carpophilus* Stephens, 1829.

Subfamily AMPHICROSSINAE Kirejtshuk, 1986

AMPHICROSSINI Kirejtshuk, 1986: 28 [stem: *Amphicross-*]. Type genus: *Amphicrossus* Erichson, 1843.

Subfamily MELIGETHINAE Thomson, 1859

MELIGETHINA C. G. Thomson, 1859: 67 [stem: *Meligeth-*]. Type genus: *Meligethes* Stephens, 1830.

Subfamily NITIDULINAE Latreille, 1802

NITIDULARIAE Latreille, 1802: 131 [stem: *Nitidul-*]. Type genus: *Nitidula* Fabricius, 1775.

Tribe CYCHRAMINI Gistel, 1848

CYCHRAMIDAE Gistel, 1848: [4] [stem: *Cychram-*]. Type genus: *Cychramus* Kugelann, 1794.

Tribe CYCHRAMPTODINI Kirejtshuk and Lawrence, 1992

CYCHRAMPTODINI Kirejtshuk and Lawrence, 1992: 29, in key [stem: *Cychramptod-*]. Type genus: *Cychramptodes* Reitter, 1878.

Tribe CYLLODINI Everts, 1898

STRONGYLINAE Erichson, 1843: 227 [stem: *Strongyl-*]. Type genus: *Strongylus* Herbst, 1792 [preoccupied genus name, not *Strongylus* O. F. Müller, 1780 [Nematoda]; syn. of *Cylloides* Erichson, 1843]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; STRONGYLIDAE Baird, 1853 (type genus *Strongylus* O. F. Müller, 1780) is available in Nematoda.

CYLLODINI Everts, 1898: 469, in key [stem: *Cyllo-*]. Type genus: *Cylloides* Erichson, 1843.

AMBOROTUBINI Leschen and Carlton, 2004: 450 [stem: *Amborotub-*]. Type genus: *Amborotubus* Leschen and Carlton, 2004.

Tribe LAWRENCEROSINI Kirejtshuk, 1991

LAWRENCEROSINI Kirejtshuk, 1991: 863 [stem: *Lawrenceros-*]. Type genus: *Lawrencerosus* Kirejtshuk, 1991.

Tribe MYSTROPINI Murray, 1864

MYSTROPIDAE Murray, 1864: 411 [stem: *Mystrop-*]. Type genus: *Mystrops* Erichson, 1843.

Tribe NITIDULINI Latreille, 1802

NITIDULARIAE Latreille, 1802: 131 [stem: *Nitidul-*]. Type genus: *Nitidula* Fabricius, 1775.

THALYCRINA C. G. Thomson, 1859: 68 [stem: *Thalycr-*]. Type genus: *Thalycra* Erichson, 1843.

POCADIINI Seidlitz, 1872 [Gatt.]: 32 [stem: *Pocadi-*]. Type genus: *Pocadius* Erichson, 1843.

PROMETOPINAE Böving and Craighead, 1931: 37, in key [stem: *Prometopi-*]. Type genus: *Prometopia* Erichson, 1843. Comment: the spelling PROMETOPINAE in the key on page 37 is considered a *lapsus calami* since the correct spelling PROMETOPINAE was used in the same publication in the conspectus on page 74 and in the caption for plate 35.

ORVOENINI Dajoz, 1980b: 191 [stem: *Orvoeni-*]. Type genus: *Orvoenia* Dajoz, 1980 [syn. of *Megauchenia* W. S. MacLeay, 1825]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily CILLAEINAE Kirejtshuk and Audisio, 1986

CILLAEINAE Kirejtshuk and Audisio, 1986: 219 [stem: *Cillae-*]. Type genus: *Cillaeus* Laporte, 1835.

Subfamily CRYPTARCHINAE Thomson, 1859

CRYPTARCHINA C. G. Thomson, 1859: 69 [stem: *Cryptarch-*]. Type genus: *Cryptarcha* Shuckard, 1839.

Tribe ARHININI Kirejtshuk, 1987

ARHININI Kirejtshuk, 1987: 63 [stem: *Arhin-*]. Type genus: *Arhina* Murray, 1876.

Tribe CRYPTARCHINI Thomson, 1859

CRYPTARCHINA C. G. Thomson, 1859: 69 [stem: *Cryptarch-*]. Type genus: *Cryptarcha* Shuckard, 1839.

PITYOPHAGINI Reitter, 1891: 163 [stem: *Pityophag-*]. Type genus: *Pityophagus* Shuckard, 1839.

GLISCHROCHILINI Iablokoff-Khnzorian, 1966: 314 [stem: *Glischrochil*]. Type genus: *Glischrochilus* Reitter, 1873.

Tribe EUCALOSPHERINI Kirejtshuk, 1987

EUCALOSPHERINI Kirejtshuk, 1987: 80 [stem: *Eucalospaer*]. Type genus: *Eucalospaera* Jelinek, 1978.

Tribe PLATYARCHINI Kirejtshuk, 1998

PLATYARCHINI Kirejtshuk, 1998a: 41, in key [stem: *Platyarch*]. Type genus: *Platyarcha* Kirejtshuk, 1987.

Subfamily CYBOCEPHALINAE Jacquelin du Val, 1858

CYBOCÉPHALITES Jacquelin du Val, 1858: 151 [stem: *Cybocephal*]. Type genus: *Cybocephalus* Erichson, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1862: 123, as CYBOCEPHALIDAE), generally accepted as in Pakaluk et al. (1994: 230, as CYBOCEPHALINAE).

Family SMICRIPIDAE Horn, 1880

SMICRIPINI G. H. Horn, 1880d: 268 [stem: *Smicrip*]. Type genus: *Smicrips* J. L. LeConte, 1878.

TISIPHONINAE Sharp, 1900a: 578 [stem: *Tisiphon*]. Type genus: *Tisiphone* Reitter, 1876 [preoccupied genus name, not *Tisiphone* Hübner, 1816 [Lepidoptera]; syn. of *Smicrips* J. L. LeConte, 1878]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Family BOTHRIDERIDAE Erichson, 1845

BOTHRIDERINI Erichson, 1845: 287 [stem: *Bothrider*]. Type genus: *Bothrideres* Dejean, 1835.

Subfamily TEREDINAE Seidlitz, 1888

TEREDINI Seidlitz, 1888 [Gatt.]: 57 [stem: *Tered*]. Type genus: *Teredus* Dejean, 1835.

Tribe SOSYLOPSINI Dajoz, 1980

SOSYLOPSINI Dajoz, 1980a: 158 [stem: *Sosylops*]. Type genus: *Sosylopsis* Grouvelle, 1910. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Sosylopse*-).

Tribe SYSOLINI Ślipiński and Pal, 1985

SYSOLINI Ślipiński and Pal, 1985: 40 [stem: *Sysol*]. Type genus: *Sysolus* Grouvelle, 1908.

Tribe TEREDINI Seidlitz, 1888

TEREDINI Seidlitz, 1888 [Gatt.]: 57 [stem: *Tered-*]. Type genus: *Teredus* Dejean, 1835.

Subfamily XYLARIOPHILINAE Pal and Lawrence, 1986

XYLARIOPHILINAE Pal and Lawrence, 1986: 208, in key [stem: *Xylariophil-*]. Type genus: *Xylariophilus* Pal and Lawrence, 1986.

Subfamily ANOMMATINAE Ganglbauer, 1899

ANOMMATINI Ganglbauer, 1899: 894 [stem: *Anommat-*]. Type genus: *Anommatus* Wesmael, 1835.

Subfamily BOTHRIDERINAE Erichson, 1845

BOTHRIDERINI Erichson, 1845: 287 [stem: *Bothrider-*]. Type genus: *Bothrideres* Dejean, 1835.

DERETAPHRINI G. H. Horn, 1878: 578 [stem: *Deretaphr-*]. Type genus: *Deretaphrus* Newman, 1842.

DASTARCINI Reitter, 1922a: 39 [stem: *Dastarc-*]. Type genus: *Dastarcus* Walker, 1858.

Family CERYLONIDAE Billberg, 1820

CERYLONIDES Billberg, 1820a: 47 [stem: *Cerylon-*]. Type genus: *Cerylon* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)]. Comment: CERYLONIDAE Billberg, 1820 placed on the Official List of Family-Group Names in Zoology (ICZN 1995c).

Subfamily EUXESTINAE Grouvelle, 1908

EUXESTINAE Grouvelle, 1908: 397, in key [stem: *Euxest-*]. Type genus: *Euxestus* Wollaston, 1858.

PACHYOCHTHESINAE Reitter, 1911: 105 [stem: *Pachyochth-*]. Type genus: *Pachyochthes* Reitter, 1897 [syn. of *Hypodacne* J. L. LeConte, 1875]. Comment: incorrect original stem formation, not in prevailing usage.

METACERYLINI Heinze, 1944: 21 [stem: *Metacerylon-*]. Type genus: *Metacerylon* Grouvelle, 1906. Comment: incorrect original stem formation, not in prevailing usage.

CYCLOXENINI Jeannel and Paulian, 1945: 57, in key [stem: *Cycloxen-*]. Type genus: *Cycloxenus* Arrow, 1925.

TACHYORYCTIDIINI Jeannel and Paulian, 1945: 57, in key [stem: *Tachyoryctidi-*]. Type genus: *Tachyoryctidium* Jeannel and Paulian, 1945.

Subfamily LOEBLIORYLONINAE Ślipiński, 1990

LOEBLIORYLININAE Ślipiński, 1990: 81 [stem: *Loebliorylon-*]. Type genus: *Loebliorylon* Ślipiński, 1990. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily OSTOMOPSINAE Sen Gupta and Crowson, 1973

OSTOMOPSINI Sen Gupta and Crowson, 1973: 400 [stem: *Ostomops*-.]. Type genus: *Ostomopsis* Scott, 1922. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Ostomopse*-).

Subfamily MURMIDIINAE Jacquelin du Val, 1858

MURMIDIIDES Jacquelin du Val, 1858: 227 [stem: *Murmidi*-.]. Type genus: *Murmidius* Leach, 1822. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1861: 78, as MURMIDIIDAE), generally accepted as in Pakaluk et al. (1994: 232, as MURMIDIINAE).

Subfamily CERYLONINAE Billberg, 1820

CERYLONIDES Billberg, 1820a: 47 [stem: *Cerylon*-.]. Type genus: *Cerylon* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)]. Comment: CERYLONIDAE Billberg, 1820a placed on the Official List of Family-Group Names in Zoology (ICZN 1995c); this family-group name was also used in the same year by Billberg (1820b: 394, as CERYLONIDES).

PLEOSOMIDES Fauvel, 1891: 162 [stem: *Ploeosomat*-.]. Type genus: *Ploeosoma* Wollaston, 1854. Comment: incorrect original stem formation, not in prevailing usage.

LAPETHINAE Sharp, 1894: 445 [stem: *Lapeth*-.]. Type genus: *Lapethus* Casey, 1890 [syn. of *Mychocerus* Erichson, 1845].

MYCHOCERINAE Sharp, 1895b: 494 [stem: *Mychocer*-.]. Type genus: *Mychocerus* sensu J. L. LeConte, 1869 [syn. of *Mychocerinus* Ślipiński, 1990]. Comment: based on a misidentified type genus.

ACULAGNATHIDAE Oke, 1932: 22 [stem: *Aculagnath*-.]. Type genus: *Aculagnathus* Oke, 1932.

DOLOSIDAE Dajoz, 1963: 96 [stem: *Dolos*-.]. Type genus: *Dolosus* Dajoz, 1963 [subgenus of *Thyroderus* Sharp, 1885].

Family ALEXIIDAE Imhoff, 1856

ALEXIIDAE Imhoff, 1856: [2] 151 [stem: *Alexi*-.]. Type genus: *Alexia* Stephens, 1833 [syn. of *Sphaerosoma* Stephens, 1832].

SPHAEROSOMINAE Ganglbauer, 1899: 913 [stem: *Sphaerosomat*-.]. Type genus: *Sphaerosoma* Stephens, 1832. Comment: incorrect original stem formation, not in prevailing usage.

Family DISCOLOMATIDAE Horn, 1878

DISCOLOMIDAE G. H. Horn, 1878: 557 [stem: *Discolomat*-.]. Type genus: *Discoloma* Erichson, 1845. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily NOTIOPHYGINAE Jakobson, 1915

NOTIOPHYGIDAE Jakobson, 1915: 920 [stem: *Notiophyg*-.]. Type genus: *Notiophygus* Gory, 1834.

Tribe DYSTHEAMONINI John, 1954

DYSTHEAMONINI John, 1954: 42 [stem: *Dystheamon*-.] Type genus: *Dystheamon* Grouvelle, 1927.

Tribe NOTIOPHYGINI Jakobson, 1915

NOTIOPHYGIDAE Jakobson, 1915: 920 [stem: *Notiophyg*-.] Type genus: *Notiophygus* Gory, 1834.

Tribe PACHYPLACINI John, 1954

PACHYPLACINI John, 1954: 38 [stem: *Pachyplac*-.] Type genus: *Pachyplacus* John, 1935.

Subfamily DISCOLOMATINAE Horn, 1878

DISCOLOMIDAE G. H. Horn, 1878: 557 [stem: *Discolomat*-.] Type genus: *Discoloma* Erichson, 1845. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily APHANOCEPHALINAE Jakobson, 1904

APHANOCEPHALIDAE Jakobson, 1904: 273 [stem: *Aphanocephal*-.] Type genus: *Aphanocephalus* Wollaston, 1873. Comment: name previously attributed to Grouvelle (1912: 198); usage of APHAENOCEPHALIDAE by Ganglbauer (1903: 316) in STAPHYLINOIDEA is a *lapsus calami* for PHAENOCEPHALIDAE (now in PHALACRIDAE) according to Lawrence and Newton (1995).

Subfamily CEPHALOPHANINAE John, 1954

CEPHALOPHANINAE John, 1954: 64 [stem: *Cephalophan*-.] Type genus: *Cephalophanus* John, 1940.

Subfamily PONDONATINAE John, 1954

PONDONATINAE John, 1954: 19 [stem: *Pondonat*-.] Type genus: *Pondonatus* John, 1954.

Family ENDOMYCHIDAE Leach, 1815

ENDOMYCHIDES Leach, 1815: 116 [stem: *Endomych*-.] Type genus: *Endomychus* Panzer, 1795.

Subfamily MEROPHYSIINAE Seidlitz, 1872

MEROPHYSIINI Seidlitz, 1872 [Gatt.]: 39 [stem: *Merophys*-.] Type genus: *Merophysia* Lucas, 1852.

HOLOPARAMECINI Seidlitz, 1888 [Gatt.]: 57 [stem: *Holoparamec*-.] Type genus: *Holoparamecus* Curtis, 1833.

Subfamily PLEGANOPHORINAE Jacquelin du Val, 1858

PLÉGANOPHORIDES Jacquelin du Val, 1858: 186 [stem: *Pleganophor*-.] Type genus: *Pleganophorus* Hampe, 1855. Comment: original vernacular name

available (Art. 11.7.2): first used in latinized form by Gerstaecker (1861: 419, as PLEGANOPHORIDAE), generally accepted as in Pakaluk et al. (1994: 233, as PLEGANOPHORINAE).

TROCHOIDÉITES Chapuis, 1876: 146 [stem: *Trochoide*-.]. Type genus: *Trochoideus* Westwood, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ganglbauer (1899: 926, as TROCHOIDEINAE); the earlier use of TROCHOIDEIDAE by Gorham (1874: 185) is not considered to be a proposal for a new family-group taxon but was rather used as a hypothetical example addressed to the editors of the journal.

Subfamily ANAMORPHINAE Strohecker, 1953

ANAMORPHINI Strohecker, 1953: 15, in key [stem: *Anamorph*-.]. Type genus: *Anamorphus* J. L. LeConte, 1878.

MYCHOTHENINAE Sasaji, 1978: 8 [stem: *Mychothen*-.]. Type genus: *Mychothenus* Strohecker, 1953.

ACRITOSOMATINAE Pakaluk and Ślipiński, 1995: 328 [stem: *Acritosomat*-.]. Type genus: *Acritosoma* Pakaluk and Ślipiński, 1995.

Subfamily LEIESTINAE Thomson, 1863

LEIESTINA C. G. Thomson, 1863: 306 [stem: *Leiest*-.]. Type genus: *Leiestes* Chevrolat, 1836.

RHANES J. L. LeConte and G. H. Horn, 1883: 120 [stem: *Rhanid*-.]. Type genus: *Rhanis* J. L. LeConte, 1854 [preoccupied genus name, not *Rhanis* C. L. Koch, 1846 [Arachnida]; syn. of *Rhanidea* Strohecker, 1953]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

PHYMAPHORINA Jakobson, 1915: 961 [stem: *Phymaphor*-.]. Type genus: *Phymaphora* Newman, 1838.

Subfamily MYCETAEINAE Jacquelin du Val, 1857

MYCETÉIDES Jacquelin du Val, 1857b: 102 [stem: *Mycetae*-.]. Type genus: *Mycetaea* Stephens, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1861: 419, as MYCETAEIDAE), generally accepted as in Pakaluk et al. (1994: 233, as MYCETAEINAE); incorrect original stem formation, not in prevailing usage.

Subfamily EUPSILOBIINAE Casey, 1895

EUPSILOBIINI Casey, 1895: 452 [stem: *Eupsilobi*-.]. Type genus: *Eupsilobius* Casey, 1895 [syn. of *Eidoreus* Sharp, 1885].

CERASOMMATIDIIDAE Brèthes, 1925: 199 [stem: *Cerasommatidi*-.]. Type genus: *Cerasommatidia* Brèthes, 1925.

EIDOREINAE Sasaji, 1986: 235 [stem: *Eidore*-.]. Type genus: *Eidoreus* Sharp, 1885.

Subfamily XENOMYCETINAE Strohecker, 1962

XENOMYCETINAE Strohecker, 1962: 801, in key [stem: *Xenomycet-*]. Type genus: *Xenomycetes* G. H. Horn, 1880.

Subfamily DANASCELINAE Tomaszewska, 2000

DANASCELINAE Tomaszewska, 2000: 494, in key [stem: *Danascel-*]. Type genus: *Danascelis* Tomaszewska, 1999. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Danascelid-*).

Subfamily ENDOMYCHINAE Leach, 1815

ENDOMYCHIDES Leach, 1815: 116 [stem: *Endomych-*]. Type genus: *Endomychus* Panzer, 1795.

*AGARICOPHILES Motschulsky, 1849: 58 [stem: *Agaricophil-*]. Type genus: *Agaricophilus* Motschulsky, 1837. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CYCLOTOMIDAE Imhoff, 1856: [2] 151 [stem: *Cyclotom-*]. Type genus: *Cyclotoma* Mulsant, 1851.

*AGARICOPHILINAE Lawrence, 1991: 484 [stem: *Agaricophil-*]. Type genus: *Agaricophilus* Motschulsky, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); proposed as new without reference to AGARICOPHILES Motschulsky, 1849.

Subfamily EPIPOCINAE Gorham, 1873

EPIPOCIDAE Gorham, 1873: 20 [stem: *Epipoc-*]. Type genus: *Epipocus* Germar, 1843.

Subfamily STENOTARSINAE Chapuis, 1876

STENOTARSITES Chapuis, 1876: 125 [stem: *Stenotars-*]. Type genus: *Stenotarsus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Csiki (1901: 37, as STENOTARSINI), generally accepted as in Shockley et al. (2009: 73, as STENOTARSINAE).

Subfamily LYCOPERDININAE Bromhead, 1838

LYCOPERDINADAE Bromhead, 1838: 419 [stem: *Lycoperdin-*]. Type genus: *Lycoperdina* Latreille, 1807. Comment: name previously attributed to L. Redtenbacher (1844); incorrect original stem formation, not in prevailing usage.

EUMORPHIDAE Gistel, 1848: [10] [stem: *Eumorph-*]. Type genus: *Eumorphus* Weber, 1801.

DAPSINI Gerstaecker, 1858: 170 [stem: *Daps-*]. Type genus: *Dapsa* Latreille, 1829.

CORYNOMALIDAE Gorham, 1873: 14 [stem: *Corynomal-*]. Type genus: *Corynomalus* Gerstaecker, 1857.

AMPHICINI Csiki, 1910: 25 [stem: *Amphic-*]. Type genus: *Amphix* Laporte, 1840.

BECCARIINI Arrow, 1925: 278 [stem: *Beccari-*]. Type genus: *Beccaria* Gorham, 1885 [preoccupied genus name, not *Beccaria* Bourguignat, 1883 [Mollusca]; syn. of *Beccariola* Arrow, 1943]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

AMPHISTERNINI Strohecker, 1964: 319 [stem: *Amphistern-*]. Type genus: *Amphisternus* Germar, 1843.

Family COCCINELLIDAE Latreille, 1807

COCCINELLIDAE Latreille, 1807: 70 [stem: *Coccinell-*]. Type genus: *Coccinella* Linnaeus, 1758.

Subfamily MICROWEISEINAE Leng, 1920

MICROWEISEINI Leng, 1920: 213 [stem: *Microweise-*]. Type genus: *Microweisea* Cockerell, 1903.

Tribe MICROWEISEINI Leng, 1920

MICROWEISEINI Leng, 1920: 213 [stem: *Microweise-*]. Type genus: *Microweisea* Cockerell, 1903.

Tribe SERANGIINI Pope, 1962

*SERANGIINI Blackwelder, 1945: 450 [stem: *Serangi-*]. Type genus: *Serangium* Blackburn, 1889. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1). SERANGIINI Pope, 1962: 627 [stem: *Serangi-*]. Type genus: *Serangium* Blackburn, 1889.

Tribe SUKUNAHIKONINI Kamiya, 1960

SUKUNAHIKONINI Kamiya, 1960: 24 [stem: *Sukunahikon-*]. Type genus: *Sukunahikona* Kamiya, 1960 [syn. of *Scymnomorphus* Weise, 1897].

SCOTOSCYMNINAE Duverger, 2003: 63 [stem: *Scotoscymn-*]. Type genus: *Scotoscymnus* Weise, 1901. Comment: name proposed to replace SUKUNAHIKONINI Kamiya, 1960 because of the synonymy of the type genus.

Subfamily COCCINELLINAE Latreille, 1807

COCCINELLIDAE Latreille, 1807: 70 [stem: *Coccinell-*]. Type genus: *Coccinella* Linnaeus, 1758.

Tribe ARGENTIPILOSINI Gordon and de Almeida, 1991

ARGENTIPILOSINI Gordon and de Almeida, 1991: 150 [stem: *Argentipilos-*]. Type genus: *Argentipilosa* Gordon and de Almeida, 1991.

Tribe ASPIDIMERINI Mulsant, 1850

ASPIDIMÉRAIRES Mulsant, 1850: 943 [stem: *Aspidimer-*]. Type genus: *Aspidimerus* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Jakobson (1915: 969, as ASPIDIMERINA), generally accepted as in Pakaluk et al. (1994: 234, as ASPIDIMERINI).

Tribe AZYINI Mulsant, 1850

AZYAIRES Mulsant, 1850: 927 [stem: *Azy-*]. Type genus: *Azya* Mulsant, 1850.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Crotch (1874: 279, as AZYAE), generally accepted as in Pakaluk et al. (1994: 233, as AZYINI).

*BUCOLITES Chapuis, 1876: 237 [stem: *Bucol-*]. Type genus: *Bucolus* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe BRACHIACANTHINI Mulsant, 1850

BRACHYACANTHAIRES Mulsant, 1850: 520 [stem: *Brachiacanth-*]. Type genus: *Brachiacantha* Chevrolat, 1836 [as *Brachyacantha*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Duverger (1990: 143, as BRACHIACANTHADINI [incorrect stem formation]), generally accepted as in Pakaluk et al. (1994: 249, as BRACHIACANTHINI); incorrect original stem formation, not in prevailing usage.

Tribe CARINODULINI Gordon, Pakaluk and Ślipiński, 1989

CARINODULINI Gordon et al., 1989: 360 [stem: *Carinodul-*]. Type genus: *Carinodula* Gordon et al., 1989.

Tribe CEPHALOSCYMNINI Gordon, 1985

CEPHALOSCYMNINI Gordon, 1985: 66 [stem: *Cephaloscymn-*]. Type genus: *Cephaloscymnus* Crotch, 1872.

Tribe CHILOCORINI Mulsant, 1846

CHILOCORIENS Mulsant, 1846: 166 [stem: *Chilocor-*]. Type genus: *Chilocorus* Leach, 1815. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1885: 239, as CHILOCORINI), generally accepted as in Pakaluk et al. (1994: 234, as CHILOCORINI).

*EXOCHOMAIRES Mulsant, 1850: 465 [stem: *Exochom-*]. Type genus: *Exochomus* Redtenbacher, 1843. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe CHNOODINI Mulsant, 1850

CHNOODIENS Mulsant, 1850: 907 [stem: *Chnood-*]. Type genus: *Chnoodes* Chevrolat, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sicard (1909: 103, as

CHNOODINI); name incorrectly treated as unavailable by Pakaluk et al. (1994: 248).

*STOLAIRES Mulsant, 1850: 931 [stem: *Siol-*]. Type genus: *Siola* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EXOPLECTRIDES Crotch, 1874: xiii [stem: *Exoplectr-*]. Type genus: *Exoplectra* Chevrolat, 1836.

SUMNIINI Hoang, 1982: 138 [stem: *Sumni-*]. Type genus: *Sumnius* Weise, 1892.

Tribe COCCIDULINI Mulsant, 1846

COCCIDULIENS Mulsant, 1846: 266 [stem: *Coccidul-*]. Type genus: *Coccidula* Kugelann, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [10], as COCCIDULAEIDAE [incorrect stem formation]), generally accepted as in Pakaluk et al. (1994: 233, as COCCIDULINI).

*RHIZOBIATES Mulsant, 1846: 261 [stem: *Rhyzobi-*]. Type genus: *Rhyzobius* Stephens, 1829 [as *Rhizobius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1846); incorrect original stem formation, not in prevailing usage.

RHIZOBIINA C. G. Thomson, 1866: 328 [stem: *Rhyzobi-*]. Type genus: *Rhyzobius* Stephens, 1829 [as *Rhizobius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; the name RHIZOBIINAE Buckton, 1883 (type genus *Rhizobius* Burmeister, 1835) is available in Hemiptera.

Tribe COCCINELLINI Latreille, 1807

COCCINELLIDAE Latreille, 1807: 70 [stem: *Coccinell-*]. Type genus: *Coccinella* Linnaeus, 1758.

*ADONIATES Mulsant, 1846: 35 [stem: *Adoni-*]. Type genus: *Adonia* Mulsant, 1846 [syn. of *Hippodamia* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*HIPPODAMIAIRES Mulsant, 1846: 30 [stem: *Hippodami-*]. Type genus: *Hippodamia* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*MICRASPIAIRES Mulsant, 1846: 162 [stem: *Micraspid-*]. Type genus: *Micraspis* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

*MYSIATES Mulsant, 1846: 125 [stem: *Myzi-*]. Type genus: *Myzia* Mulsant, 1846 [as *Mysia*, alternative original spelling of type genus name; we follow Kovář (2007: 620) in using *Myzia* as the correct spelling for this genus]. Comment:

- original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.
- HALYZIAIRES Mulsant, 1846: 123 [stem: *Halyzi-*]. Type genus: *Halyzia* Mulsant, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pakaluk et al. (1994: 234, as HALYZIINI).
- ALESIAIRES Mulsant, 1850: 343 [stem: *Alesi-*]. Type genus: *Alesia* Mulsant, 1850 [syn. of *Micraspis* Chevrolat, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Mader (1934: 297, as ALESIINI), generally accepted as in Mader (1954: 93, as ALESIINA).
- *CARIAIRES Mulsant, 1850: 228 [stem: *Cari-*]. Type genus: *Caria* Mulsant, 1850 [preoccupied genus name, not *Caria* Hübner, 1823 (Lepidoptera); syn. of *Megalocaria* Crotch, 1874]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Casey (1899: 72, as CARIINI), but not generally accepted as valid; if name found to be available then permanently invalid (Art. 39): based on preoccupied type genus.
- COELOPHORAIRE Mulsant, 1850: 374 [stem: *Coelophor-*]. Type genus: *Coelophora* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Mader (1954: 93, as COELOPHORINA).
- CYDONIAIRES Mulsant, 1850: 429 [stem: *Cydoni-*]. Type genus: *Cydonia* Mulsant, 1850 [syn. of *Cheilomenes* Chevrolat, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Mader (1954: 93, as CYDONIINA).
- DISCOTOMAIRES Mulsant, 1850: 214 [stem: *Discotom-*]. Type genus: *Discotoma* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Korschovsky (1932: 577, as DISCOTOMINI), generally accepted as in Pakaluk et al. (1994: 234, as DISCOTOMINI).
- TYTHASPIDES Crotch, 1874: xiii [stem: *Tythaspid-*]. Type genus: *Tythaspis* Crotch, 1874.
- SYNONYCHINI Weise, 1885: 7 [stem: *Synonymych-*]. Type genus: *Synonymycha* Chevrolat, 1836.
- PSYLLBORINI Casey, 1899: 73 [stem: *Psyllobor-*]. Type genus: *Psyllobora* Chevrolat, 1836.
- ANISOSTICTINA Jakobson, 1915: 969 [stem: *Anisostict-*]. Type genus: *Anisosticta* Chevrolat, 1836.
- ANISOLEMNIINA Mader, 1954: 93, in key [stem: *Anisolemni-*]. Type genus: *Anisolemnia* Crotch, 1874.
- BULAEINI Savoyetskaya, 1969: 102 [stem: *Bulae-*]. Type genus: *Bulaea* Mulsant, 1850.
- SINGHIKALIINI Miyatake, 1972: 96 [stem: *Singhikali-*]. Type genus: *Singhikalia* Kapur, 1963.

Tribe CRANOPHORINI Mulsant, 1850

CRANOPHORAIRE Mulsant, 1850: 939 [stem: *Cranophor*-.]. Type genus: *Cranophorus* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1899: 74, as CRANOPHORINI), generally accepted as in Pakaluk et al. (1994: 233, as CRANOPHORINI).

Tribe CRYPTOGNATHINI Mulsant, 1850

CRYPTOGNATHAIRES Mulsant, 1850: 496 [stem: *Cryptognath*-.]. Type genus: *Cryptognatha* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gordon (1971: 181, as CRYPTOGNATHINI), generally accepted as in Pakaluk et al. (1994: 249, as CRYPTOGNATHINI).

*PENTILIAIRES Mulsant, 1850: 501 [stem: *Pentili*-.]. Type genus: *Pentilia* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1846).

PENTILINI Casey, 1899: 74 [stem: *Pentili*-.]. Type genus: *Pentilia* Mulsant, 1850.

OENEINI Casey, 1899: 74 [stem: *Oene*-.]. Type genus: *Oeneis* Mulsant, 1850 [pre-occupied genus name, not *Oeneis* Hübner, 1819 [Lepidoptera]; syn. of *Delphastus* Casey, 1899]. Comment: permanently invalid (Art. 39): based on pre-occupied type genus; the taxon Oeneini Wheeler, 1903 (type genus *Oeneis* Hübner, 1819) is available in Lepidoptera.

Tribe CYNEGETINI Thomson, 1866

CYNEGETIDES C. G. Thomson, 1866: 374 [stem: *Cyneget*-.]. Type genus: *Cynegetis* Chevrolat, 1836. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Cynegetid*-).

MADAINI Gordon, 1975: 206 [stem: *Mad*-.]. Type genus: *Mada* Mulsant, 1850. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DIOMINI Gordon, 1999

DIOMINI Gordon, 1999: 4 [stem: *Diom*-.]. Type genus: *Diomus* Mulsant, 1850.

Tribe EPILACHNINI Mulsant, 1846

EPILACHNIENS Mulsant, 1846: 190 [stem: *Epilachn*-.]. Type genus: *Epilachna* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1898: 947, as EPILACHNINAE), generally accepted as in Pakaluk et al. (1994: 234, as EPILACHNINI).

*CHNOOTRIBAIRES Mulsant, 1850: 697 [stem: *Chnootrib*-.]. Type genus: *Chnootriba* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

SUBCOCCINELLINI Jakobson, 1915: 968 [stem: *Subcoccinell*-.]. Type genus: *Subcoccinella* Huber, 1841.

Tribe EPIVERTINI Pang and Mao, 1979

EPIVERTINI Pang and Mao, 1979: 158 [stem: *Epivert-*]. Type genus: *Epiverta* Dieke, 1947.

Tribe EREMOCHILINI Gordon and Vanderberg, 1987

EREMOCHILINI Gordon and Vanderberg, 1987: 6 [stem: *Eremochil-*]. Type genus: *Eremochilus* Weise, 1912.

Tribe HYPERASPIDINI Mulsant, 1846

HYPÉRASPIENS Mulsant, 1846: 177 [stem: *Hyperaspid-*]. Type genus: *Hyperaspis* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1885: 5, as HYPERASPINI), generally accepted as in Pakaluk et al. (1994: 233, as HYPERASPINI); incorrect original stem formation, not in prevailing usage.

*THALASSAIRES Mulsant, 1850: 505 [stem: *Thalass-*]. Type genus: *Thalassa* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*TIPHYSAIRES Mulsant, 1850: 516 [stem: *Tiphys-*]. Type genus: *Tiphysa* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe LIMNICHOPHARINI Miyatake, 1994

LIMNICHOPHARINI Miyatake, 1994: 269 [stem: *Limnichophar-*]. Type genus: *Limnichopharus* Miyatake, 1994.

Tribe MONOCORYNINI Miyatake, 1988

MONOCORYNINI Miyatake, 1988: 28 [stem: *Monocoryn-*]. Type genus: *Monocoryna* Gorham, 1885.

Tribe NOVIINI Mulsant, 1846

NOVIAIRES Mulsant, 1846: 213 [stem: *Novi-*]. Type genus: *Novius* Mulsant, 1846 [the original spelling used by Mulsant was *Nomius* (p. 213), however, the spelling was changed to *Novius* by Mulsant in the "Addenda et errata" of the same work and is therefore considered a justified emendation (Art. 19.2)]. Comment: the original spelling of this family-group name was NOMIAIRES (based on the new genus *Nomius* Mulsant, 1846), the spelling of the family-group and genus-group names were changed to NOVIAIRES and *Novius* in the "Addenda et errata" of the same work, NOVIAIRES is therefore treated as the correct original spelling of this family-group name (Art. 19.2); original vernacular name available (Art. 11.7.2): first used in latinized form by Ganglbauer (1899: 977, as NOVIINI), generally accepted as in Pakaluk et al. (1994: 233, as NOVIINI).

- ***RODOLIAIRES** Mulsant, 1850: 901 [stem: *Rodoli-*]. Type genus: *Rodolia* Mulsant, 1850. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe ORTALIINI Mulsant, 1850

- ORTALIENS** Mulsant, 1850: 892 [stem: *Ortali-*]. Type genus: *Ortalia* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Crotch (1874: 274, as **ORTALIAE**), generally accepted as in Pakaluk et al. (1994: 234, as **ORTALIINI**).

Tribe ORYSSOMINI Gordon, 1974

- ORYSSOMINI** Gordon, 1974: 146 [stem: *Oryssom-*]. Type genus: *Oryssomus* Mulsant, 1850.

Tribe PLATYNASPINI Mulsant, 1846

- PLATYNASPIAIRE**s Mulsant, 1846: 215 [stem: *Platynasp-*]. Type genus: *Platynaspis* Redtenbacher, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1899: 109, as **PLATYNASPINI**), generally accepted as in Pakaluk et al. (1994: 234, as **PLATYNASPINI**); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Platynaspid-*).

Tribe PLOTININI Miyatake, 1994

- PLOTININI** Miyatake, 1994: 279 [stem: *Plotin-*]. Type genus: *Plotina* Lewis, 1896.

Tribe PORIINI Mulsant, 1850

- PORIENS** Mulsant, 1850: 884 [stem: *Pori-*]. Type genus: *Poria* Mulsant, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gorham (1894: 206, as **PORIIDES** [treated as Latin]).

Tribe SCYMNILLINI Casey, 1899

- SCYMNILLINI** Casey, 1899: 74 [stem: *Scymnill-*]. Type genus: *Scymnillus* G. H. Horn, 1895.
- ZILINI** Gordon, 1985: 74 [stem: *Zil-*]. Type genus: *Zilus* Mulsant, 1850. Comment: name proposed to replace **SCYMNILLINI** Casey, 1899 because of the synonymy of the type genus at that time.

Tribe SCYMNINI Mulsant, 1846

- SCYMNIAIRES** Mulsant, 1846: 189 [stem: *Scymn-*]. Type genus: *Scymnus* Kugelann, 1794. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1885: 5, as **SCYMNINI**), generally accepted as in

Pakaluk et al. (1994: 233, as SCYMNINI); incorrect original stem formation, not in prevailing usage.

*CRYPTOLAEMAIREs Mulsant, 1853: 267 [stem: *Cryptolaem-*]. Type genus: *Cryptolaemus* Mulsant, 1853. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe SELVADIINI Gordon, 1985

SELVADIINI Gordon, 1985: 347 [stem: *Selvadi-*]. Type genus: *Selvadius* Casey, 1899.

Tribe SHIROZUELLINI Sasaji, 1967

SHIROZUELLINI Sasaji, 1967: 23 [stem: *Shirozuell-*]. Type genus: *Shirozuella* Sasaji, 1967.

GHANIINI Ahmad, 1973: 449 [stem: *Ghani-*]. Type genus: *Ghanius* Ahmad, 1973.

Tribe STETHORINI Dobzhansky, 1924

STETHORINI Dobzhansky, 1924: 20 [stem: *Stethor-*]. Type genus: *Stethorus* Weise, 1885.

Tribe STICHOLOTIDINI Weise, 1901

PHARINI Casey, 1899: 74 [stem: *Phar-*]. Type genus: *Pharus* Mulsant, 1850 [preoccupied genus name, not *Pharus* Gray, 1840 [Mollusca]; syn. of *Pharoscyrmus* Bedel, 1906]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; this family-group name was also proposed in the same year by Ganglbauer (1899: 954, as PHARINI), priority could not be established between those two works; the name PHARINAE Adams and Adams, 1856 in Mollusca (type genus *Pharus* Gray, 1840) is available.

STICHOLOTINI Weise, 1901: 430 [stem: *Sticholotid-*]. Type genus: *Sticholotis* Crotch, 1874. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Gordon (1977: 186).

CLANINI Weise, 1901: 430 [stem: *Clan-*]. Type genus: *Clanis* Mulsant, 1850 [preoccupied genus name, not *Clanis* Hübner, 1819 [Lepidoptera]; syn. of *Jauravia* Motschulsky, 1858]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

COELOPTERINI Weise, 1906: column 369 [stem: *Coelopter-*]. Type genus: *Coelopterus* Mulsant and Rey, 1852. Comment: name previously attributed to Della Beffa (1912: 171, as COLEOPTERINI [incorrect stem formation]) in the literature.

Tribe TELSIMIINI Casey, 1899

TELSIMIINI Casey, 1899: 74 [stem: *Telsimi-*]. Type genus: *Telsimia* Casey, 1899.

Tribe TETRABRACHINI Kapur, 1948

LITHOPHILIDAE Imhoff, 1856: [2] 151 [stem: *Lithophil-*]. Type genus: *Lithophilus* Fröhlich, 1799 [preoccupied genus name, not *Lithophilus* Schneider, 1791

[Coleoptera: CARABIDAE]; syn. of *Tetrabrachys* Kapur, 1948]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

TETRABRACHINAE Kapur, 1948: 320 [stem: *Tetrabrach-*]. Type genus: *Tetrabrachys* Kapur, 1948. Comment: replacement name for LITHOPHILINAE Imhoff, 1856 because of the homonymy of the type genus; current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Tetrabrache-*).

Family CORYLOPHIDAE LeConte, 1852

CORYLOPHI J. L. LeConte, 1852b: 141 [stem: *Coryloph-*]. Type genus: *Corylophus* Stephens, 1833.

Subfamily PERIPTYCTINAE Ślipiński, Lawrence and Tomaszewska, 2001

PERIPTYCTINAE Ślipiński et al., 2001: 312 [stem: *Periptyct-*]. Type genus: *Periptyctus* Blackburn, 1825.

Subfamily CORYLOPHINAE LeConte, 1852

CORYLOPHI J. L. LeConte, 1852b: 141 [stem: *Coryloph-*]. Type genus: *Corylophus* Stephens, 1833.

Tribe AENIGMATICINI Casey, 1900

AENIGMATICINI Casey, 1900: 61 [stem: *Aenigmatic-*]. Type genus: *Aenigmaticum* A. Matthews, 1888.

Tribe CLEIDOSTETHINI Bowstead, Booth, Ślipiński and Lawrence, 2001

CLEIDOSTETHINI Bowstead et al., 2001: 323 [stem: *Cleidosteth-*]. Type genus: *Cleidostethus* Arrow, 1929.

Tribe CORYLOPHINI LeConte, 1852

CORYLOPHI J. L. LeConte, 1852b: 141 [stem: *Coryloph-*]. Type genus: *Corylophus* Stephens, 1833.

Tribe FOADIINI Ślipiński, Tomaszewska and Lawrence, 2009

FOADIINI Ślipiński et al., 2009: 422 [stem: *Foadi-*]. Type genus: *Foadia* Pakaluk, 1985.

Tribe ORTHOPERINI Jacquelin du Val, 1857

ORTHOPÉRITES Jacquelin du Val, 1857b: 100 [stem: *Orthoper-*]. Type genus: *Orthoperus* Stephens, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 63, as ORTHOPERIDAE), generally accepted as in Ślipiński et al. (2009: 428, as ORTHOPERINI).

Tribe PARMULINI Poey, 1854

CLYPEASTRES L. Redtenbacher, 1845: 122 [stem: *Clypeaster-*]. Type genus: *Clypeaster* Dejean, 1821 [preoccupied genus name, not *Clypeaster* Lamarck, 1801

- [Echinodermata]; syn. of *Clypastraea* Haldeman, 1842]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage; CLYPEASTERIDAE L. Agassiz, 1835 (type genus *Chypeaster* Lamarck, 1801) is available in Echinodermata.
- PARMULINI Poey, 1854: 323 [stem: *Parmul-*]. Type genus: *Parmulus* Gundlach, 1854 [syn. of *Clypastraea* Haldeman, 1842].
- SACIINA A. Matthews, 1888: 103 [stem: *Saci-*]. Type genus: *Sacium* J. L. LeConte, 1852 [syn. of *Clypastraea* Haldeman, 1842].
- ARTHROLIPINAE Böving and Craighead, 1931: 36, in key [stem: *Arthrolip-*]. Type genus: *Arthrolips* Wollaston, 1854.

Tribe PELTINODINI Paulian, 1950

- PELTINODITAE Paulian, 1950: 19 [stem: *Peltinod-*]. Type genus: *Peltinodes* Paulian, 1950 [syn. of *Holopsis* Broun, 1883]. Comment: precedence (PELTINODINI Paulian, 1950 vs CORYLOPHODINI Paulian, 1950) given to taxon originally proposed at the higher rank (Art. 24.1).
- CORYLOPHODINI Paulian, 1950: 21, in key [stem: *Corylophod-*]. Type genus: *Corylophodes* A. Matthews, 1885 [syn. of *Holopsis* Broun, 1883].

Tribe RYPOBIINI Paulian, 1950

- RHYPOBIINI Paulian, 1950: 48 [stem: *Rypobi-*]. Type genus: *Rypobius* J. L. LeConte, 1852 [as *Rhyobius*, unjustified emendation of type genus name by Gemminger and Harold (1876: 3818), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.
- GLOEOSOMATINI Bowstead, 1999: 128 [stem: *Gloeosomat-*]. Type genus: *Gloeosoma* Wollaston, 1854.

Tribe SERICODERINI Matthews, 1888

- SERICODERINA A. Matthews, 1888: 103 [stem: *Sericoder-*]. Type genus: *Sericoderus* Stephens, 1829.

Tribe TEPLININI Pakaluk, Ślipiński and Lawrence, 1994

- PELTININI Paulian, 1950: 21, in key [stem: *Peltin-*]. Type genus: *Peltinus* Mulsant, 1861 [preoccupied genus name, not *Peltinus* Rafinesque, 1815 [Coleoptera: TROGOSSITIDAE]; syn. of *Teplinus* Pakaluk et al., 1994]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- TEPLININI Pakaluk et al., 1994: 251 [stem: *Teplin-*]. Type genus: *Teplinus* Pakaluk et al., 1994. Comment: replacement name for PELTININI Paulian, 1950 because of the homonymy of the type genus.

Family AKALYPTOISCHIIDAE Lord, Hartley, Lawrence, McHugh and Miller, 2010

- AKALYPTOISCHIIDAE Lord et al., 2010: 761 [stem: *Akalyptoischi-*]. Type genus: *Akalyptoischion* Andrews, 1976.

Family LATRIDIIDAE Erichson, 1842

LATHRIDIIEN Erichson, 1842: 122 [stem: *Latridi-*]. Type genus: *Latridius* Herbst, 1793 [as *Lathridius*, unjustified emendation of type genus name by Illiger (1802), not in prevailing usage]. Comment: the younger name LATRIDIIDAE has been used widely for this family in recent literature although Pakaluk et al. (1994: 252) and a small number of subsequent authors, e.g., Míka (2000), Lassau et al. (2005), have used the older name CORTICARIIDAE; an application was recently submitted to the Commission in order to conserve usage of the well-established name LATRIDIIDAE (Bousquet et al. 2010; see Appendix 6).

Subfamily LATRIDIIINAE Erichson, 1842

LATHRIDIIEN Erichson, 1842: 122 [stem: *Latridi-*]. Type genus: *Latridius* Herbst, 1793 [as *Lathridius*, unjustified emendation of type genus name by Illiger (1802), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by L. Redtenbacher (1845: 123, as LATHRIDII), generally accepted as in Lawrence and Newton (1995: 886, as LATRIDIIDAE); incorrect original stem formation, not in prevailing usage.

Subfamily CORTICARIINAE Curtis, 1829

CORTICARIDAE Curtis, 1829: pl. 283 [stem: *Corticari-*]. Type genus: *Corticaria* Marsham, 1802. Comment: incorrect original stem formation, not in prevailing usage; although this is the oldest name for the family, an application was recently submitted by Bousquet et al. (2010) to conserve usage of the well-established name LATRIDIIDAE (see Appendix 6).

*MELANOPHTHALMIDAE Arnett, 1962b: 835 [stem: *Melanophthalm-*]. Type genus: *Melanophthalma* Motschulsky, 1866. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; name listed by Arnett as a synonym of LATRIDIIDAE and attributed to “auct.,” we could find an earlier usage of this name.

†Subfamily TETRAMEROPSEINAE Kirejtshuk and Azar, 2008

TETRAMEROPSINAE Kirejtshuk and Azar, 2008: 36 [stem: *Tetrameropse-*]. Type genus: *Tetrameropsis* Kirejtshuk and Azar, 2008. Comment: incorrect original stem formation, not in prevailing usage.

Superfamily TENEBRIONOIDEA Latreille, 1802

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758. Comment: First Revisers found (TENEBRIONOIDEA Latreille, 1802 vs MORDELLOIDEA Latreille, 1802) are Alonso-Zarazaga and Mansilla-Castrillo (1988: 19).

Family MYCETOPHAGIDAE Leach, 1815

MYCETOPHAGIDA Leach, 1815: 110 [stem: *Mycetophag-*]. Type genus: *Mycetophagus* Fabricius, 1792.

Subfamily ESARCINAE Reitter, 1882

ESARCINI Reitter, 1882a: 115 [stem: *Esarc-*]. Type genus: *Esarcus* Reiche, 1864.

Subfamily MYCETOPHAGINAE Leach, 1815

MYCETOPHAGIDA Leach, 1815: 110 [stem: *Mycetophag-*]. Type genus: *Mycetophagus* Fabricius, 1792.

Tribe MYCETOPHAGINI Leach, 1815

MYCETOPHAGIDA Leach, 1815: 110 [stem: *Mycetophag-*]. Type genus: *Mycetophagus* Fabricius, 1792.

TRITOMIDAE Crotch, 1873a: 78 [stem: *Tritom-*]. Type genus: *Tritoma* Geoffroy, 1762 [senior homonym of *Tritoma* Fabricius, 1775 [Coleoptera: EROTYLIDAE] but placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1994a); syn. of *Mycetophagus* Fabricius, 1792]. Comment: permanently invalid (Art. 39): based on suppressed type genus; TRITOMIDAE was also used the same year by Crotch (1873b: 42).

TRIPHYLLINI Harold, 1880: 757 [stem: *Triphyll-*]. Type genus: *Triphyllus* Dejean, 1821.

Tribe TYPHAEINI Thomson, 1863

TYPHAEINA C. G. Thomson, 1863: 241 [stem: *Typhae-*]. Type genus: *Typhaea* Stephens, 1829.

TYPHAEINI Nikitsky, 1993: 165 [stem: *Typhae-*]. Type genus: *Typhaea* Stephens, 1829. Comment: family-group name proposed as new without reference to TYPHAEINA C. G. Thomson, 1863.

Subfamily BERGININAE Leng, 1920

BERGINI Leng, 1920: 246 [stem: *Bergin-*]. Type genus: *Berginus* Erichson, 1846. Comment: incorrect original stem formation, not in prevailing usage.

Family ARCHEOCRYPTICIDAE Kaszab, 1964

ARCHEOCRYPTICINI Kaszab, 1964: 361 [stem: *Archeocryptic-*]. Type genus: *Archeocrypticus* Kaszab, 1964.

Family PTEROGENIIDAE Crowson, 1953

PTEROGENIIDAE Crowson, 1953: 38 [stem: *Pterogeni-*]. Type genus: *Pterogenius* Candèze, 1861.

Family CIIDAE Leach, 1819

CISIDAE Leach, 1819: 206 [stem: *Ci-*]. Type genus: *Cis* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage; Gistel (1848: [6], 1856a: 368) used the name MICROTROCTEIDAE for a family that included only the genus *Cis* Latreille, we could not find any genus name on which MICROTROCTEIDAE could be based on therefore this family-group name is unavailable.

Subfamily SPHINDOCIINAE Lawrence, 1974

SPHINDOCIINAE Lawrence, 1974b: 9 [stem: *Sphindoci-*]. Type genus: *Sphindocis* Fall, 1917. Comment: published 28 June 1974; this family-group name was also used in the same year by Lawrence (1974a [22 January]: 24, as SPHINDOCIINAE) but the older name is unavailable because it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily CIINAE Leach, 1819

CISIDAE Leach, 1819: 206 [stem: *Ci-*]. Type genus: *Cis* Latreille, 1797.

Tribe CIINI Leach, 1819

CISIDAE Leach, 1819: 206 [stem: *Ci-*]. Type genus: *Cis* Latreille, 1797. Comment: incorrect original stem formation, not in prevailing usage.

Tribe OROPHIINI Thomson, 1863

OROPHIINA C. G. Thomson, 1863: 195 [stem: *Orophi-*]. Type genus: *Orophius* L. Redtenbacher, 1848 [syn. of *Octotemnus* Mellié, 1847].

OCTOTEMNIDAE Reitter, 1878: 21 [stem: *Octotemn-*]. Type genus: *Octotemnus* Mellié, 1847.

RHOPALODONTINI Everts, 1898: 517, in key [stem: *Ropalodont-*]. Type genus: *Ropalodontus* Mellié, 1847 [as *Rhopalodontus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: the fossil Reptilia name RHOPALODONTIDAE Seeley, 1894 (type genus *Rhopalodon* Fischer von Waldheim, 1841) is available, therefore we recommend using the spelling *Ropalodont-* for the ciid name in order to avoid homonymy problems; incorrect original stem formation, not in prevailing usage.

Tribe XYLOGRAPHELLINI Kawanabe and Miyatake, 1996

XYLOGRAPHELLINI Kawanabe and Miyatake, 1996: 125 [stem: *Xylographell-*]. Type genus: *Xylographella* Miyatake, 1985.

Subtribe SYNCOSMETINA Lopes-Andrade, 2008

SYNCOSMETINA Lopes-Andrade, 2008: 40 [stem: *Syncosmet-*]. Type genus: *Syncosmetus* Sharp, 1891.

Subtribe XYLOGRAPHELLINA Kawanabe and Miyatake, 1996XYLOGRAPHELLINI Kawanabe and Miyatake, 1996: 125 [stem: *Xylographell-*].Type genus: *Xylographella* Miyatake, 1985.**Family TETRATOMIDAE Billberg, 1820**TETRATOMAEDES Billberg, 1820a: 34 [stem: *Tetratom-*]. Type genus: *Tetratoma* Fabricius, 1790.**Subfamily TETRATOMINAE Billberg, 1820**TETRATOMAEDES Billberg, 1820a: 34 [stem: *Tetratom-*]. Type genus: *Tetratoma* Fabricius, 1790.**Subfamily PISENINAE Miyatake, 1960**PISENINI Miyatake, 1960: 124 [stem: *Pisen-*]. Type genus: *Pisenus* Casey, 1900.**Subfamily PENTHINAE Lacordaire, 1859**PENTHIDES Lacordaire, 1859: 456 [stem: *Penth-*]. Type genus: *Penthe* Newman, 1838.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1888: 43, as PENTHINI), generally accepted as in Young and Pollock (2002: 415, as PENTHINAE).

Subfamily HALLOMENINAE Gistel, 1848HALLOMENIDAE Gistel, 1848: [11] [stem: *Hallomen-*]. Type genus: *Hallomenus* Panzer, 1793.*DRYALATES Mulsant, 1856b: 44 [stem: *Dryal-*]. Type genus: *Dryala* Mulsant, 1856 [syn. of *Hallomenus* Panzer, 1793]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.MYCÉTOMIENS Mulsant, 1856b: 103 [stem: *Mycetomat-*]. Type genus: *Mycetoma* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Desbrochers des Loges (1900: 16, as MYCETOMINI); incorrect original stem formation, not in prevailing usage.**Subfamily EUSTROPHINAE Gistel, 1848**EUSTROPHIDAE Gistel, 1848: [10] [stem: *Eustroph-*]. Type genus: *Eustrophus* Illiger, 1802.**Tribe EUSTROPHINI Gistel, 1848**EUSTROPHIDAE Gistel, 1848: [10] [stem: *Eustroph-*]. Type genus: *Eustrophus* Illiger, 1802.**Tribe HOLOSTROPHINI Nikitsky, 1998**HOLOSTROPHINI Nikitsky, 1998: 39 [stem: *Holostroph-*]. Type genus: *Holostrophus* G. H. Horn, 1888.

Family MELANDRYIDAE Leach, 1815

MELYANDRIDA Leach, 1815: 104 [stem: *Melandry-*]. Type genus: *Melandrya* Fabricius, 1801.

Subfamily MELANDRYINAE Leach, 1815

MELYANDRIDA Leach, 1815: 104 [stem: *Melandry-*]. Type genus: *Melandrya* Fabricius, 1801.

Tribe ANISOXIELLINI Nikitsky, 2007

ANISOXIELLINI Nikitsky, 2007: 58 [stem: *Anisoxiell-*]. Type genus: *Anisoxiella* Nikitsky, 1989.

Tribe DIRCAEINI Kirby, 1837

DIRCAEIDAE Kirby, 1837: 240 [stem: *Dircae-*]. Type genus: *Dircaea* Fabricius, 1798.

Tribe HYPULINI Gistel, 1848

HYPULIDAE Gistel, 1848: [11] [stem: *Hypul-*]. Type genus: *Hypulus* Paykull, 1798.
MAROLIINI Portevin, 1934: 57, in key [stem: *Maroli-*]. Type genus: *Marolia* Mulsant, 1856.

Tribe MELANDRYINI Leach, 1815

MELYANDRIDA Leach, 1815: 104 [stem: *Melandry-*]. Type genus: *Melandrya* Fabricius, 1801. Comment: incorrect original stem formation, not in prevailing usage.

*PHRYGANOPHILES Motschulsky, 1849: 58 [stem: *Phryganophil-*]. Type genus: *Phryganophilus* Sahlberg, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

HYLEPNIGALIONIDAE Gistel, 1856a: 384 [stem: *Hylepnigalion-*]. Type genus: *Hylepnigalio* Gistel, 1856 [this genus originally included the species *caraboides* Linnaeus and *caniculatus* (without author name); the type species of *Hylepnigalio* Gistel, 1856 is here considered to be *Chrysomela caraboides* Linnaeus, 1760 by monotypy; **syn. nov.** of *Melandrya* Fabricius, 1801]. Comment: **syn. nov.**

Tribe ORCHESIINI Mulsant, 1856

ORCHÉSIENS Mulsant, 1856b: 27 [stem: *Orchesi-*]. Type genus: *Orchesia* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 119, as ORCHESIINA), generally accepted as in Nikitsky and Pollock (2008: 68, as ORCHESIINI).

Tribe SERROPALPINI Latreille, 1829

SERROPALPIDES Latreille, 1829b: 43 [stem: *Serropalp-*]. Type genus: *Serropalpus* Hellenius, 1786.

Tribe XYLITINI Thomson, 1864

XYLITINA C. G. Thomson, 1864: 316 [stem: *Xylit-*]. Type genus: *Xylita* Paykull, 1798.

Tribe ZILORINI Desbrochers des Loges, 1900

ZILORINI Desbrochers des Loges, 1900: 2, in key [stem: *Zilor-*]. Type genus: *Zilora* Mulsant, 1856. Comment: spelled ZILORIINI in description on page 2 (in key), but correctly spelled ZILORINI on p. 17 of the same work.

ZILORINI Nikitsky, 2007: 60 [stem: *Zilor-*]. Type genus: *Zilora* Mulsant, 1856. Comment: family-group name proposed as new without reference to ZILORINI Desbrochers des Loges, 1900.

Subfamily OSPHYINAE Mulsant, 1856 (1839)

NOTHIDAE Shuckard, 1839b: 51 [stem: *Noth-*]. Type genus: *Nothus* A. G. Olivier, 1811 [syn. of *Osphya* Illiger, 1807]. Comment: OSPHYINAE Mulsant, 1856 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 888).

*OSPHIES Motschulsky, 1849: 59 [stem: *Osphy-*]. Type genus: *Osphya* Illiger, 1807. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849); incorrect original stem formation, not in prevailing usage.

OSPHYENS Mulsant, 1856b: 108 [stem: *Osphy-*]. Type genus: *Osphya* Illiger, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 103, as OSPHYINI), generally accepted as in Pollock (2002: 421, as OSPHYINAE); name conserved over the older NOTHINAE Shuckard, 1839 (Art. 40.2) (see Lawrence and Newton 1995: 888).

CONOPALPIENS Mulsant, 1856b: 105 [stem: *Conopalp-*]. Type genus: *Conopalpus* Gyllenhal, 1810. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1864: 313, as CONOPALPINA), generally accepted as in Hansen (1996: 171, as CONOPALPINI).

Family MORDELLIDAE Latreille, 1802

MORDELLONAE Latreille, 1802: 183 [stem: *Mordell-*]. Type genus: *Mordella* Linnaeus, 1758.

†PRAEMORDELLINAE Ščegoleva-Barovskaya, 1929: 27 [stem: *Praemordell-*]. Type genus: *Praemordella* Ščegoleva-Barovskaya, 1929.

†LIAOXIMORDELLIDAE Wang, 1993: 87 [stem: *Liaoximordell-*]. Type genus: *Liaoximordella* Wang, 1993.

Subfamily CTENIDIINAE Franciscolo, 1951

CTENIDIINAE Franciscolo, 1951: 56 [stem: *Ctenidi-*]. Type genus: *Ctenidia* Laporte, 1840.

Subfamily MORDELLINAE Latreille, 1802

MORDELLONAE Latreille, 1802: 183 [stem: *Mordell*-.] Type genus: *Mordella* Linnaeus, 1758.

Tribe CONALIINI Ermisch, 1956

CONALIINI Ermisch, 1956: 273 [stem: *Conali*-.] Type genus: *Conalia* Mulsant and Rey, 1858.

Tribe MORDELLINI Latreille, 1802

MORDELLONAE Latreille, 1802: 183 [stem: *Mordell*-.] Type genus: *Mordella* Linnaeus, 1758.

Tribe MORDELLISTENINI Ermisch, 1941

MORDELLISTENINI Ermisch, 1941: 714 [stem: *Mordellisten*-.] Type genus: *Mordellistena* A. Costa, 1854.

Tribe REYNOLDSIELLINI Franciscolo, 1957

REYNOLDSIELLINI Franciscolo, 1957: 237 [stem: *Reynoldsiell*-.] Type genus: *Reynoldsiella* Ray, 1930.

Tribe STENALIINI Franciscolo, 1955

STENALIINI Franciscolo, 1955: 177 [stem: *Stenali*-.] Type genus: *Stenalia* Mulsant, 1856.

Family RIPIPHORIDAE Gemminger, 1870 (1855)

RHIPIDOPHORIDAE Gemminger, 1870: 2117 [stem: *Ripiphor*-.] Type genus: *Ripiphorus* Bosc, 1791 [as *Rhipidophorus*, unjustified emendation of *Ripiphorus* Bosc, 1791 by Perty (1831: xix), not in prevailing usage]. Comment: name conserved over the older MYODITIDAE Gerstaecker, 1855 (Art. 40.2) (see Lawrence and Newton 1995: 889, as “MYODITINI Costa, 1853”); First Reviser (RIPIPHORIDAE Gemminger, 1870 (1855) vs PTILOPHORIDAE Gerstaecker, 1855 vs RIPIDIIDAE Gerstaecker, 1855) not determined, prevailing usage maintained.

Subfamily PTILOPHORINAE Gerstaecker, 1855

*PTILOPHORES Motschulsky, 1849: 59 [stem: *Ptilophor*-.] Type genus: *Ptilophorus* Dejean, 1834. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Motschulsky (1849).

PTILOPHORINI Gerstaecker, 1855: 2 [stem: *Ptilophor*-.] Type genus: *Ptilophorus* Dejean, 1834.

ÉVANIOCÉRIDES Lacordaire, 1859: 618 [stem: *Evaniocer*-.] Type genus: *Evaniocera* Guérin-Méneville, 1835 [syn. of *Ptilophorus* Dejean, 1834]. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte

(1862: 276, as EVANIOCERINI), generally accepted as in J. L. LeConte and G. H. Horn (1883: xxxvii, as EVANIOCERINI).

Subfamily PELECOTOMINAE Seidlitz, 1875

PELECOTOMINI Seidlitz, 1875 [Gatt.]: 104 [stem: *Pelecotom*]. Type genus: *Pelecotoma* Fischer von Waldheim, 1808.

MICHOLAEMINAE Viana, 1971: 69 [stem: *Micholaem*]. Type genus: *Micholaemus* Viana, 1971.

Subfamily HEMIRHIPIDIINAE Heller, 1921

HEMIRHIPIDIINI Heller, 1921: 168 [stem: *Hemirhipidi*]. Type genus: *Hemirhipidius* Heller, 1921 [syn. of *Nephrites* Shuckard, 1838].

NEPHRITINAE Selander, 1957: 101 [stem: *Nephrit*]. Type genus: *Nephrites* Shuckard, 1838. Comment: name proposed to replace HEMIRHIPIDIINI Heller because of the synonymy of the type genus, HEMIRHIPIDIINAE is in prevailing usage (see Lawrence and Newton, 1995: 889).

Subfamily RIPIDIINAE Gerstaecker, 1855

RHIPIDIINI Gerstaecker, 1855: 14 [stem: *Ripidi*]. Type genus: *Ripidius* Thunberg, 1806 [as *Rhipidius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage].

Tribe EORHIPIDIINI Iablokoff-Khnzorian, 1986

EORHIPIDIINI Iablokoff-Khnzorian, 1986: 92 [stem: *Eorhipidi*]. Type genus: *Eorhipidius* Iablokoff-Khnzorian, 1986.

Tribe RIPIDIINI Gerstaecker, 1855

RHIPIDIINI Gerstaecker, 1855: 14 [stem: *Ripidi*]. Type genus: *Ripidius* Thunberg, 1806 [as *Rhipidius*, unjustified emendation of type genus name by Agassiz (1846b: 327), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; spelling of family-group and type genus names based on Krell (1996).

Subfamily RIPIPHORINAE Gemminger, 1870 (1855)

RHIPIDOPHORIDAE Gemminger, 1870: 2117 [stem: *Ripiphor*]. Type genus: *Ripiphorus* Bosc, 1791 [as *Rhipidophorus*, unjustified emendation of *Ripiphorus* Bosc, 1791 by Perty (1831: xix), not in prevailing usage]. Comment: name conserved over the older MYODITINAE Gerstaecker, 1855 (Art. 40.2) (see Lawrence and Newton 1995: 889, as "MYODITINI Costa, 1853").

Tribe MACROSIAGONINI Heyden, 1908

RHIPIPHORITES Laporte, 1840b: 261 [stem: *Ripiphor*]. Type genus: *Ripiphorus* sensu Fabricius, 1792 [as *Rhipiphorus*, incorrect subsequent spelling of the

type genus name, not in prevailing usage; not *Ripiphorus* Bosc, 1791; syn. of *Metoecus* Dejean, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1855: 17, as RHIPIPHORINI [incorrect stem formation]); based on a misidentified type genus; name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see RIPIPHORINI Gemminger, 1870.

MACROSLAGONINI L. Heyden, 1908: 45 [stem: *Macroslagon*]. Type genus: *Macroslagon* Hentz, 1830. Comment: although this is not the oldest name for the tribe, we recommend that an application be sent to the Commission to suppress RIPIPHORINI Laporte, 1840 because it is based on a misidentified type genus (Art. 65.2.1).

Tribe RIPIPHORINI Gemminger, 1870 (1855)

*MYODITINI A. Costa, 1853: 2 [stem: *Myodit*]. Type genus: *Myodites* Latreille, 1829 [syn. of *Ripiphorus* Bosc, 1791]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally treated as valid attributed to A. Costa, 1853; incorrect original stem formation, not in prevailing usage.

MYODITINI Gerstaecker, 1855: 15 [stem: *Myodit*]. Type genus: *Myodites* Latreille, 1829 [syn. of *Ripiphorus* Bosc, 1791]. Comment: usage of younger name RIPIPHORINI Gemminger, 1870 conserved over this name (Art. 40.2) (see Lawrence and Newton 1995: 889, as “MYODITINI Costa, 1853”).

RHIPIDOPHORIDAE Gemminger, 1870: 2117 [stem: *Ripiphor*]. Type genus: *Ripiphorus* Bosc, 1791 [as *Rhipidophorus*, unjustified emendation of type genus name by Perty (1831: xix), not in prevailing usage]. Comment: name conserved over the older MYODITINI Gerstaecker, 1855 (Art. 40.2) (see Lawrence and Newton 1995: 889, as “MYODITINI Costa, 1853”); incorrect original stem formation, not in prevailing usage; as mentioned by Lawrence and Newton (1995: 889) a number of authors used RIPIPHORIDAE before Gemminger, however, their family-group names were based on *Ripiphorus* sensu Fabricius, 1792, which is a synonym of *Metoecus* Dejean, 1834; spelling of family-group and type genus names based on Krell (1996); we recommend that an application be submitted to the Commission to suppress RIPIPHORITES Laporte, 1840 for the Principles of Priority and Homonymy (Art. 65.2.1).

Family ZOPHERIDAE Solier, 1834

ZOPHÉRITES Solier, 1834: 505 [stem: *Zopher*]. Type genus: *Zopherus* Gray, 1832. Comment: usage of this name conserved over COLYDIIDAE Billberg, 1820 (Art. 35.5).

Subfamily COLYDIINAE Billberg, 1820

COLYDIIDES Billberg, 1820b: 394 [stem: *Colydi*]. Type genus: *Colydium* Fabricius, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)].

Comment: name placed on Official List of Family-Group Names in Zoology (as COLYDIIDAE Erichson, 1842) and given precedence over ORTHOCERINAE Blanchard, 1845 and CERYLONIDAE Billberg, 1820 whenever their type genera are placed in the same family-group taxon (ICZN 1995c); usage of the younger name ZOPHERIDAE Solier, 1834 conserved over this name (Art. 35.5).

Tribe ACROPINI Sharp, 1894

ACROPINAE Sharp, 1894: 444 [stem: *Acrop-*]. Type genus: *Acropis* H. C. C. Burmeister, 1840. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Acropid-*).

Tribe ADIMERINI Sharp, 1894

ADIMERIDAE Sharp, 1894: 441 [stem: *Adimer-*]. Type genus: *Adimerus* Sharp, 1894.

MONOEDIDAE Schaeffer, 1911: 114 [stem: *Monoed-*]. Type genus: *Monoedus* G. H. Horn, 1882.

Tribe COLYDIINI Billberg, 1820

COLYDIIDAE Billberg, 1820b: 394 [stem: *Colydi-*]. Type genus: *Colydium* Fabricius, 1792 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)].

Tribe GEMPYLODINI Sharp, 1893

GEMPYLODINI Sharp, 1893: 256 [stem: *Gempylod-*]. Type genus: *Gempylodes* Pascoe, 1863.

Tribe NEMATIDIINI Horn, 1878

NEMATIDI G. H. Horn, 1878: 573 [stem: *Nematidi-*]. Type genus: *Nematidium* Erichson, 1845.

Tribe ORTHOCERINI Blanchard, 1845

SARROTRIIDES Billberg, 1820a: 9 [stem: *Sarrotri-*]. Type genus: *Sarrotrium* Illiger, 1798 [syn. of *Orthocerus* Latreille, 1797]. Comment: the same name was also published in the same year by Billberg (1820b: 390); SARROTRIIDAE Billberg, 1820 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1995c).

ORTHOCÉRITES Blanchard, 1845b: 29 [stem: *Orthocer-*]. Type genus: *Orthocerus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1995c)]. Comment: ORTHOCERINI Blanchard, 1845 placed on Official List of Family-group names in Zoology (ICZN 1995c).

EUGLOCHIDAE Gistel, 1856a: 382 [stem: *Eugloch-*]. Type genus: *Euglochis* Gistel, 1856 [syn. of *Orthocerus* Latreille, 1797]. Comment: published 18 February 1856; this family-group name was also used in the same year by Gistel (1856b).

["31 December"]: 180, as EUGLOCHIDA); incorrect original stem formation, not in prevailing usage.

Tribe RHAGODERINI Horn, 1878

RHAGODERINI G. H. Horn, 1878: 557 [stem: *Rhagoder-*]. Type genus: *Rhagodera* Mannerheim, 1843.

Tribe RHOPALOCERINI Reitter, 1911

APISTINI Ganglbauer, 1899: 873 [stem: *Apist-*]. Type genus: *Apistus* Motschulsky, 1840 [*Apistus* is an unjustified emendation of type genus name, originally spelled *Apeistus*, by Agassiz (1846b: 28), in prevailing usage; the emended name is a junior homonym of *Apistus* Cuvier, 1829 [Pisces]; *Apeistus* Motschulsky, 1840 and *Apistus* Agassiz, 1846 were placed on Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1986b); syn. of *Rhopalocerus* Redtenbacher, 1842]. Comment: permanently invalid (Art. 39): based on pre-occupied type genus; placed on Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1986b).

RHOPALOCERINI Reitter, 1911: 108 [stem: *Rhopalocer-*]. Type genus: *Rhopalocerus* Redtenbacher, 1842 [placed on the Official List of Generic Names in Zoology (ICZN 1986b)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1986b).

Tribe SYNCHITINI Erichson, 1845

SYNCHITINI Erichson, 1845: 254 [stem: *Synchit-*]. Type genus: *Synchita* Hellwig, 1792. Comment: published before 31 June 1845; this family-group name was also used in the same year by L. Redtenbacher (1845 [before September]: 123, as SYNCHITAE).

DITOMIDAE Imhoff, 1856: [2] 159 [stem: *Bitom-*]. Type genus: *Bitoma* Herbst, 1793 [as *Ditoma*, unjustified emendation of type genus name by Illiger (1807), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; stem of the family-group name corrected according to Art. 35.4.1 and also to remove from potential homonymy with the older family-group name originally proposed as DITOMICI Bonelli, 1810 (type genus *Ditonus* Bonelli, 1810) in the family CARABIDAE.

COXELINI Seidlitz, 1872 [Gatt.]: 38 [stem: *Coxel-*]. Type genus: *Coxelus* Dejean, 1821.

LANGELANDIINA Fowler, 1889: 192 [stem: *Langelandi-*]. Type genus: *Langelandia* Aubé, 1843.

MEGATAPHRINI Casey, 1890: 309 [stem: *Megataphr-*]. Type genus: *Megataphrus* Casey, 1890.

TARPHIINAE Sharp, 1894: 444 [stem: *Tarphi-*]. Type genus: *Tarphius* Erichson, 1845.

CORTICINI Ganglbauer, 1899: 870 [stem: *Cortic-*]. Type genus: *Corticus* Latreille, 1829.

DIODESMINI Reitter, 1911: 110 [stem: *Diodesmat*-]. Type genus: *Diodesma* Latreille, 1829. Comment: incorrect original stem formation, not in prevailing usage.

TRACHYPHOLINI Grouvelle, 1911: 121 [stem: *Trachypholid*-]. Type genus: *Trachypholis* Erichson, 1845. Comment: incorrect original stem formation, not in prevailing usage.

ENDOPHLOEINI Reitter, 1922a: 17 [stem: *Endophloe*-]. Type genus: *Endophloeus* Dejean, 1834.

PRIOLOMINI Dajoz, 1980a: 127 [stem: *Priolom*-]. Type genus: *Priolomus* Erichson, 1845.

Subfamily ZOPHERINAE Solier, 1834

ZOPHÉRITES Solier, 1834: 505 [stem: *Zopher*-]. Type genus: *Zopherus* Gray, 1832.

Tribe LATOMETINI Ślipiński and Lawrence, 1999

LATOMETINI Ślipiński and Lawrence, 1999: 9, in key [stem: *Latomet*-]. Type genus: *Latometus* Erichson, 1842.

Tribe MONOMMATINI Blanchard, 1845

MONOMMITES Blanchard, 1845b: 16 [stem: *Monommat*-]. Type genus: *Monomma* Klug, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 246, as MONOMMIDAE [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 890, as MONOMMATIDAE); incorrect original stem formation, not in prevailing usage.

Tribe PHELLOPSINI Ślipiński and Lawrence, 1999

PHELLOPSINI Ślipiński and Lawrence, 1999: 10, in key [stem: *Phellops*-]. Type genus: *Phellopsis* J. L. LeConte, 1862. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Phellopse*-).

Tribe PYCNOMERINI Erichson, 1845

PYCNOMERINI Erichson, 1845: 290 [stem: *Pycnomer*-]. Type genus: *Pycnomerus* Erichson, 1842.

Tribe USECHINI Horn, 1867

USECHINI G. H. Horn, 1867a: 294 [stem: *Usech*-]. Type genus: *Usechus* Motschulsky, 1845.

Tribe ZOPHERINI Solier, 1834

ZOPHÉRITES Solier, 1834: 505 [stem: *Zopher*-]. Type genus: *Zopherus* Gray, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 392, as ZOPHEROIDAE), generally accepted as in Lawrence and Newton (1995: 891, as ZOPHERIDAE).

NOSODERMINI Casey, 1907: 280 [stem: *Nosodermat*-.]. Type genus: *Nosoderma* Solier, 1841 [preoccupied genus name, not *Nosoderma* Guérin-Méneville, 1838 [Coleoptera: ZOPHERIDAE: ZOPHERINAE: ZOPHERINI]; syn. of *Verodes* Casey, 1907; see Foley and Ivie (2007) for comments on type genus]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; all subsequent uses of NOSODERMINI were based on the junior homonym *Nosoderma* Solier, 1841 (see Foley and Ivie 2007); incorrect original stem formation, not in prevailing usage.

ZOPHEROSINI Casey, 1907: 522 [stem: *Zopherose*-.]. Type genus: *Zopherosis* A. White, 1859. Comment: incorrect original stem formation, not in prevailing usage.

Family ULODIDAE Pascoe, 1869

ULODINAE Pascoe, 1869a: 31 [stem: *Ulod*-.]. Type genus: *Uloides* Erichson, 1842.

MERYCIDAE Crowson, 1953: 37 [stem: *Meryc*-.]. Type genus: *Meryx* Latreille, 1802.

Family PROMECHEILIDAE Lacordaire, 1859

PROMÉCHILIDES Lacordaire, 1859: 698 [stem: *Promecheil*-.]. Type genus: *Promecheilus* Solier, 1851 [as *Promechilus*, unjustified emendation of type genus name by Lacordaire (1859: 700), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Handlirsch (1925: 594, as PROMECHEILINAE), generally accepted as in Lawrence et al. (2010: 563, as PROMECHEILIDAE); incorrect original stem formation, not in prevailing usage.

PERIMYLOPIDAE St. George, 1939: 212 [stem: *Perimylop*-.]. Type genus: *Perimylops* Müller, 1884.

*PARAHELOPINAE Watt, 1975: 424 [stem: *Parahelop*-.]. Type genus: *Parahelops* C. O. Waterhouse, 1876. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such description (Art. 13.1); this name was used several times subsequently, e.g., Elgueta and Arriagada (1989: 37), Lawrence and Britton (1991: 665), Lawrence (1994: 339), but this taxon name remains unavailable (see Lawrence and Newton 1995: 892).

Family CHALCODRYIDAE Watt, 1974

CHALCODRYIDAE Watt, 1974: 24 [stem: *Chalcodry*-.]. Type genus: *Chalcodrya* Redtenbacher, 1868.

Family TRACHELOSTENIDAE Lacordaire, 1859

TRACHÉLOSTÉNIDES Lacordaire, 1859: 567 [stem: *Trachelosten*-.]. Type genus: *Trachelostenus* Solier, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1898: 319, as TRACHELOSTENINI), generally accepted as in Lawrence and Newton (1995: 892 as TRACHELOSTENIDAE).

Family TENEBRIONIDAE Latreille, 1802

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758. Comment: First Reviser (TENEBRIONIDAE Latreille, 1802 vs PIMELIIDAE Latreille, 1802 vs DIAPERIDAE Latreille, 1802) not determined, current usage maintained.

Subfamily ZOLODININAE Watt, 1975

ZOLODININAE Watt, 1975: 401 [stem: *Zolodin-*]. Type genus: *Zolodinus* Blanchard, 1853.

Subfamily LAGRIINAE Latreille, 1825 (1820)

LAGRIARIAE Latreille, 1825: 381 [stem: *Lagri-*]. Type genus: *Lagria* Fabricius, 1775. Comment: use of younger family-group name conserved over LACHNINAE Billberg, 1820 (Art. 40.2) (see Bouchard et al. 2005); the older name COSSYPHINAE Latreille, 1802 is not given precedence over this name because the current placement of COSSYPHINI in this subfamily is uncertain (see Bouchard et al. 2005).

Tribe ADELIINI Kirby, 1828

ADELIADAE Kirby, 1828: 525 [stem: *Adeli-*]. Type genus: *Adelium* Kirby, 1819. Comment: family-group name attributed to Hope (1840a: 188) in recent literature; this is a senior homonym of ADELIINI Viereck, 1918 (type genus *Adelius* Haliday, 1833) which is considered a valid tribe in the Hymenoptera: BRACONIDAE: CHELONINAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

*APATÊLATES Mulsant and Rey, 1859: 87 [stem: *Apatel-*]. Type genus: *Apatelus* Mulsant and Rey, 1859. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as APATELINI), but not generally accepted as valid; if evidence is found in the future that would lead to the treatment of Mulsant and Rey's name as available, this would threaten the younger name originally proposed as APATELINAE Grote, 1883 (type genus *Apatele* Hübner, 1822) in Lepidoptera which has been used as valid in recent literature.

Tribe BELOPINI Reitter, 1917

CALCARIENS Mulsant, 1854: 268 [stem: *Calcar-*]. Type genus: *Calcar* Dejean, 1821 [preoccupied genus name, not *Calcar* de Montfort, 1810 [Mollusca]; syn. of *Centorus* Mulsant, 1854]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1895: 647, as CALCARINA); permanently invalid (Art. 39): based on preoccupied type genus.

BELOPINAE Reitter, 1917: 59 [stem: *Belop-*]. Type genus: *Belopus* Gebien, 1911. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Belopod-*).

Tribe CHAERODINI Doyen, Matthews and Lawrence, 1990

CHAERODINI Doyen et al., 1990: 239 [stem: *Chaerod-*]. Type genus: *Chaerodes* A. White, 1846.

Tribe COSSYPHINI Latreille, 1802

COSSYPHORES Latreille, 1802: 164 [stem: *Cossyph-*]. Type genus: *Cossyphus* A. G. Olivier, 1791. Comment: not given precedence over LAGRIINAE Latreille, 1825 because its current placement is uncertain (see Bouchard et al. 2005).

Tribe GONIADERINI Lacordaire, 1859

GONIADÉRIDES Lacordaire, 1859: 390 [stem: *Goniader-*]. Type genus: *Goniadera* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1895: 614, as GONIADERINA), generally accepted as in Gebien (1911: 467, as GONIADERINAE).

*PHOBÉLIIDES Lacordaire, 1859: 393 [stem: *Phobeli-*]. Type genus: *Phobelius* Blanchard, 1845. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 212, as PHOBELIINI), but not generally accepted as valid.

ESCHATOPORINI Blaisdell, 1906: 78 [stem: *Eschatopori-*]. Type genus: *Eschatoporis* Blaisdell, 1906. Comment: incorrect original stem formation, not in prevailing usage.

PHOBELIINA Ardoin, 1961: 33 [stem: *Phobeli-*]. Type genus: *Phobelius* Blanchard, 1845.

*ANAEDINI Skopin, 1964: 7 [stem: *Anaed-*]. Type genus: *Anaedus* Blanchard, 1845. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe LAENINI Seidlitz, 1895

LAENINA Seidlitz, 1895: 669 [stem: *Laen-*]. Type genus: *Laena* Dejean, 1821.

Tribe LAGRIINI Latreille, 1825 (1820)

LAGRIARIAE Latreille, 1825: 381 [stem: *Lagri-*]. Type genus: *Lagria* Fabricius, 1775. Comment: use of younger family-group name conserved over LACHNINI Billberg, 1820 (Art. 40.2) (see Bouchard et al. 2005).

Subtribe LAGRIINA Latreille, 1825 (1820)

*LAGRIEN Oken, 1817: 1180 [stem: *Lagri-*]. Type genus: *Lagria* Fabricius, 1775. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Oken (1817).

LACHNAEDES Billberg, 1820a: 34 [stem: *Lachn-*]. Type genus: *Lachna* Billberg, 1820 [syn. of *Lagria* Fabricius, 1775]. Comment: the family-group names LACHNIDAE/-INAE/-INI Herrich-Schaeffer 1854 (based on *Lachnus* H. C.

C. Burmeister 1835) are currently used as valid in Hemiptera, LACHNINAE (incorrectly attributed to Passerini (1863)) was placed on the Official List of Family-Group Names in Zoology (ICZN 1956); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

LAGRIARIAE Latreille, 1825: 381 [stem: *Lagri*-]. Type genus: *Lagria* Fabricius, 1775. Comment: use of younger family-group name conserved over LACHNINA Billberg, 1820 (Art. 40.2) (see Bouchard et al. 2005).

LOUBACANTINI Bonadonna, 1959: 1034 [stem: *Loubacant*-]. Type genus: *Loubacantus* Bonadonna, 1959 [syn. of *Entypodera* Gerstaecker, 1871]. Comment: originally proposed in ANTHICIDAE, transfer to LAGRIINAE by Bonadonna (1984).

Subtribe STATIRINA Blanchard, 1845

STATYRITES Blanchard, 1845b: 39 [stem: *Statir*-]. Type genus: *Statira* Lepeletier and Audinet-Serville, 1828 [as *Statyra*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 246, as STATYRINI), generally accepted as in Bouchard et al. (2005: 501, as STATYRINA); incorrect original stem formation, not in prevailing usage.

*HYSTÉRARTHRIDES Lacordaire, 1869: 231 [stem: *Hysterarthr*-]. Type genus: *Hysterarthron* J. Thomson, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 240, as HYSTERARTHRIINI), but not generally accepted as valid; type genus transferred from CERAMBYCIDAE by Ritsema (1892: 54).

Tribe LUPROPINI Ardoin, 1958

LUPROPSINI Ardoin, 1958: 59 [stem: *Luprop*-]. Type genus: *Luprops* Hope, 1833. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PYCNOCERINI Lacordaire, 1859 *nomen protectum*

CHIROSCOLIDAE Hope, 1840a: 127 [stem: *Chiroscolid*-]. Type genus: *Chiroscolis* Lamarck, 1804. Comment: published before 30 September 1840; Bouchard et al. (2005: 524) treated this name and CHIROSCELITES Laporte (1840b [before 26 December]: 216) as *nomina oblita*; incorrect original stem formation, not in prevailing usage.

PYCNOCÉRIDES Lacordaire, 1859: 399 [stem: *Pycnocer*-]. Type genus: *Pycnocerus* Westwood, 1841. Comment: *nomen protectum* (see Bouchard et al. 2005: 524); original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as PYCNOCERIDAE), generally accepted as in Bouchard et al. (2005: 501, as PYCNOCERINI).

PRIOSCELINA Skopin, 1964: 30, in key [stem: *Prioscelid*]-. Type genus: *Prioscelis* Hope, 1840. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily NILIONINAE Oken, 1843

NILIONIDEN Oken, 1843: 484 [stem: *Nilion*]-. Type genus: *Nilio* Latreille, 1802 [incorrect subsequent spelling of *Nilion* by Latreille (1804b: 333), incorrect subsequent spelling in prevailing usage, treated as correct original spelling (Art. 33.3.1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as **NILIONDAE** [incorrect stem formation]); family-group name previously attributed to Lacordaire (1859: 518).

Subfamily PHRENAPATINAE Solier, 1834

PHRÉPATIDES Solier, 1834: 488 [stem: *Phrenapat*]-. Type genus: *Phrenapates* Gray, 1832.

Tribe ARCHAEOGLENINI Watt, 1975

ARCHAEOGLENINI Watt, 1975: 412 [stem: *Archaeoglen*]-. Type genus: *Archaeoglenes* Broun, 1893.

Tribe PENETINI Lacordaire, 1859

PÉNÉTIDES Lacordaire, 1859: 318 [stem: *Penet*]-. Type genus: *Peneta* Lacordaire, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1894: 545, as **PENETINA**), generally accepted as in Bouchard et al. (2005: 501, as **PENETINI**).

PHTHORINI Boddy, 1965: 144 [stem: *Phtor*]-. Type genus: *Phtora* Mulsant, 1854 [as *Phthora*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Phtora* is a junior homonym of *Phtora* Germar, 1836 [Coleoptera: **TENEBRIONIDAE**: **DIAPERINAE**]; syn. of *Clamoris* Gozis, 1886]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe PHRENAPATINI Solier, 1834

PHRÉPATIDES Solier, 1834: 488 [stem: *Phrenapat*]-. Type genus: *Phrenapates* Gray, 1832 [as *Phrepates*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 287, as **PHRENAPATOIDAE**), generally accepted as in Bouchard et al. (2005: 501, as **PHRENAPATINAE**/-INI); incorrect original stem formation, not in prevailing usage.

Subfamily PIMELIINAE Latreille, 1802

PIMELIARIAE Latreille, 1802: 166 [stem: *Pimeli*]-. Type genus: *Pimelia* Fabricius, 1775.

Tribe ADELSTOMINI Solier, 1834

ADÉLOSTOMITES Solier, 1834: 502 [stem: *Adelostom-*]. Type genus: *Adelostoma* Duponchel, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 8, as ADELSTOMOIDAE), generally accepted as in Bouchard et al. (2005: 501, as ADELSTOMINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Adelostomat-*).

*EURYCHORITES Solier, 1837b: 153 [stem: *Eurychor-*]. Type genus: *Eurychora* Thunberg, 1791. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1837).

EURYCHORIDAE Hope, 1840a: 121 [stem: *Eurychor-*]. Type genus: *Eurychora* Thunberg, 1791.

Tribe ADESMIINI Lacordaire, 1859 *nomen protectum*

*MACROPODITES Solier, 1834: 501 [stem: *Macropod-*]. Type genus: *Macropoda* Solier, 1835. Comment: unavailable family-group name, not based on an available genus name.

*MACROPODITES Solier, 1835b: 509 [stem: *Macropod-*]. Type genus: *Macropoda* Solier, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally accepted as valid.

*ADESMITES Blanchard, 1845b: 4 [stem: *Adesmi-*]. Type genus: *Adesmia* Fischer von Waldheim, 1822. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

MACROPODIDAE Agassiz, 1846b: 221 [stem: *Macropod-*]. Type genus: *Macropoda* Solier, 1835. Comment: *nomen oblitum* (Appendix 1); this name is a junior homonym of MACROPODIDAE Gray, 1821 in Mammalia (type genus *Macropus* Shaw and Nodder, 1790) which is on the Official List of Family-Group Names in Zoology.

MEGAGENIANOS Solier, 1851: 124 [stem: *Megageni-*]. Type genus: *Megagenius* Solier, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as MEGAGENIIDAE), generally accepted as in Bouchard et al. (2007: 386, as MEGAGENIINI); *nomen oblitum*, ADESMIINI Lacordaire, 1859 conserved over this name by Bouchard et al. (2007: 386).

ADESMIIDES Lacordaire, 1859: 22 [stem: *Adesmi-*]. Type genus: *Adesmia* Fischer von Waldheim, 1822. Comment: *nomen protectum* (Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Baudi di Selve (1875: 22, as ADESMIDAE [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502); also ADESMIINI Lacordaire, 1859 conserved over MEGAGENIINI Solier, 1851 by Bouchard et al. (2007: 386).

ÉPIPHYSIDES Lacordaire, 1859: 29 [stem: *Epiphys*-.] Type genus: *Epiphysa* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1862: 213, as EPIPHYSINI), generally accepted as in Gebien (1910a: 82, as EPIPHYSINAE).

Tribe AKIDINI Billberg, 1820

ACIDES Billberg, 1820a: 32 [stem: *Akid*-.] Type genus: *Acis* Herbst, 1799 [as *Acis*, unjustified emendation of type genus by Billberg (1820a), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ANEPSIINI LeConte, 1862

ANEPSIINI J. L. LeConte, 1862: 215 [stem: *Anepsi*-.] Type genus: *Anepsius* J. L. LeConte, 1851.

BATULIINI G. H. Horn, 1870: 270 [stem: *Batuli*-.] Type genus: *Batulius* J. L. LeConte, 1851.

ANCHOMMINI G. H. Horn, 1878: 558 [stem: *Anchommat*-.] Type genus: *Anchomma* J. L. LeConte, 1858 [genus originally proposed in COLYDIIDAE]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ASIDINI Fleming, 1821

ASIDADAЕ Fleming, 1821: 51 [stem: *Asid*-.] Type genus: *Asida* Latreille, 1802.

*MACHLIDES Lacordaire, 1859: 155 [stem: *Machl*-.] Type genus: *Machla* Herbst, 1799 [earlier usage of the type genus name by Lichtenstein (1796) was suppressed for nomenclatural purposes (ICZN 1995e); this genus is currently known under the name *Pseudomachla* Wilke, 1921]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form and attributed to the original author but not used as valid then (Bouchard et al. 2005: 506).

ASTROTI G. H. Horn, 1870: 289 [stem: *Astrot*-.] Type genus: *Astrotus* J. L. LeConte, 1858.

CRANIOTINI J. L. LeConte and G. H. Horn, 1883: 361 [stem: *Craniot*-.] Type genus: *Craniotus* J. L. LeConte, 1851.

MACHLINI Chatanay, 1914: 1 [stem: *Machl*-.] Type genus: *Machla* Herbst, 1799 [earlier usage of the type genus name by Lichtenstein (1796) was suppressed for nomenclatural purposes (ICZN 1995e); this genus is currently known under the name *Pseudomachla* Wilke, 1921].

PARECATINI Chatanay, 1914: 2 [stem: *Parecat*-.] Type genus: *Parecatus* Fairmaire, 1900.

Tribe BOROMORPHINI Skopin, 1978

BOROMORPHINI Skopin, 1978: 228, in key [stem: *Boromorph*-.] Type genus: *Boromorphus* Wollaston, 1854.

Tribe BRANCHINI LeConte, 1862

BRANCHINI J. L. LeConte, 1862: 222 [stem: *Branch-*]. Type genus: *Branchus* J. L. LeConte, 1862.

Tribe CAENOCRYPTICINI Koch, 1958

CAENOCRYPTICINI Koch, 1958: 121 [stem: *Caenocryptic-*]. Type genus: *Caenocrypticus* Gebien, 1920.

Tribe CERATANISINI Gebien, 1937

APOLITINA Seidlitz, 1895: 666 [stem: *Apolit-*]. Type genus: *Apolites* Jacquelin du Val, 1861 [preoccupied genus name, not *Apolites* Sundevall, 1835 [Aves]; syn. of *Idastrandiella* Strand, 1929]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ANISOCERINI Reitter, 1906: 477 [stem: *Anisocer-*]. Type genus: *Anisocerus* Faldermann, 1837 [preoccupied genus name, not *Anisocerus* Audinet-Serville, 1835 [Coleoptera: CERAMBYCIDAE]; syn. of *Ceratanisus* Gemminger, 1870]. Comment: junior homonym of ANISOCERINI J. Thomson, 1860 [Coleoptera: CERAMBYCIDAE]; permanently invalid (Art. 39): based on preoccupied type genus.

CERATANISINI Gebien, 1937: 791 [stem: *Ceratanis-*]. Type genus: *Ceratanisus* Gemminger, 1870.

Tribe CNAMEPLATIINI Jacquelin du Val, 1861

CNÉMÉPLATIITES Jacquelin du Val, 1861: 286 [stem: *Cnemeplati-*]. Type genus: *Cnemeplatia* A. Costa, 1847.

Subtribe ACTIZETINA Watt, 1992

ACTIZETINA Watt, 1992: 297 [stem: *Actizet-*]. Type genus: *Actizeta* Pascoe, 1875.

Subtribe CNAMEPLATIINA Jacquelin du Val, 1861

*AUTOCÉRIDES Lacordaire, 1859: 279 [stem: *Autocer-*]. Type genus: *Autocera* Wollaston, 1857 [syn. of *Cnemeplatia* A. Costa, 1847]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as AUTOCERINI), but not generally accepted as valid.

CNÉMÉPLATIITES Jacquelin du Val, 1861: 286 [stem: *Cnemeplati-*]. Type genus: *Cnemeplatia* A. Costa, 1847. Comment: Bouchard et al. (2005: 504) considered Jacquelin du Val's name as unavailable based on the requirements of Art. 11.7.2, however, the recent usage of «CNAMEPLATIINI Jacquelin du Val, 1861» as a valid taxon by Löbl et al. (2008: 140) made this name available.

CNAMEPLATIINI Csiki, 1953: 117 [stem: *Cnemeplati-*]. Type genus: *Cnemeplatia* A. Costa, 1847. Comment: proposed as new without reference to CNÉMÉPLATIITES Jacquelin du Val, 1861.

Subtribe RONDONIELLINA Ferrer and Moragues, 2000

RONDONIELLINA Ferrer and Moragues, 2000: 100 [stem: *Rondoniell-*]. Type genus: *Rondoniella* Kaszab, 1970.

Subtribe THORICTOSOMATINA Watt, 1992

THORICTOSOMATINA Watt, 1992: 296 [stem: *Thorictosomat-*]. Type genus: *Thorictosoma* Lea, 1919.

Tribe CNEMODININI Gebien, 1910

CNEMODINI G. H. Horn, 1870: 266 [stem: *Cnemodont-*]. Type genus: *Cnemodus* G. H. Horn, 1870 [preoccupied genus name, not *Cnemodus* Herrich-Schaeffer, 1850 [Hemiptera]; syn. of *Cnemodinus* Cockerell, 1906]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

CNEMODININAE Gebien, 1910a: 4 [stem: *Cnemodin-*]. Type genus: *Cnemodinus* Cockerell, 1906.

Tribe CONIONTINI Waterhouse, 1858

CONIONTIDAE G. R. Waterhouse, 1858: 59 [stem: *Coniont-*]. Type genus: *Coniontis* Eschscholtz, 1829. Comment: family-group name previously attributed to Lacordaire (1859)/Schaum (1859) (see Bouchard et al. 2005: 502).

COELINI Casey, 1907: 500 [stem: *Coel-*]. Type genus: *Coelus* Eschscholtz, 1829.

EUSATTI Doyen, 1984: 11 [stem: *Eusatt-*]. Type genus: *Eusattus* J. L. LeConte, 1851.

Tribe COSSYPHODINI Wasmann, 1899

COSSYPHODIDAE Wasmann, 1899: 161 [stem: *Cossyphod-*]. Type genus: *Cossyphodes* Westwood, 1851. Comment: downgraded from a subfamily of TENEBRIONIDAE to a tribe of PIMELIINAE by Matthews et al. (2010).

Subtribe COSSYPHODINA Wasmann, 1899

COSSYPHODIDAE Wasmann, 1899: 161 [stem: *Cossyphod-*]. Type genus: *Cossyphodes* Westwood, 1851.

Subtribe COSSYPHODITINA Basilewsky, 1950

COSSYPHODITINAE Basilewsky, 1950a: 187 [stem: *Cossyphodit-*]. Type genus: *Cossyphodites* Brauns, 1901.

Subtribe ESEMEPHINA Steiner, 1980

ESEMEPHINI Steiner, 1980: 391 [stem: *Esemeph-*]. Type genus: *Esemephe* Steiner, 1980.

Subtribe PARAMELLONINA Andreae, 1961

PARAMELLONINAE Andreae, 1961: 200 [stem: *Paramellon-*]. Type genus: *Paramellon* C. O. Waterhouse, 1882. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Paramellont-*).

Tribe CRYPTOCHILINI Solier, 1841

CRYPTOCHILITES Solier, 1841: 248 [stem: *Cryptochil-*]. Type genus: *Cryptochile* Latreille, 1829.

Subtribe CALOGNATHINA Lacordaire, 1859

CALOGNATHIDES Lacordaire, 1859: 85 [stem: *Calognath-*]. Type genus: *Calognathus* Guérin-Méneville, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as CALOGNATHIDAE), generally accepted as in Gebien (1910a: 117, as CALOGNATHINAE).

Subtribe CRYPTOCHILINA Solier, 1841

CRYPTOCHILITES Solier, 1841: 248 [stem: *Cryptochil-*]. Type genus: *Cryptochile* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1887: 50, as CRYPTOCHILIDAE), generally accepted as in Bouchard et al. (2005: 502, as CRYPTOCHILINI).

Subtribe HOMEBIINA Endrödy-Younga, 1989

HOMEBIINA Endrödy-Younga, 1989: 124 [stem: *Homebi-*]. Type genus: *Homebius* Endrödy-Younga, 1989.

Subtribe HORATOMINA Koch, 1955

HORATOMINA Koch, 1955: 14 [stem: *Horatom-*]. Type genus: *Horatoma* Solier, 1840.

Subtribe VANSONIINA Koch, 1955

VANSONINI Koch, 1955: 12 [stem: *Vanson-*]. Type genus: *Vansonium* Koch, 1950. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CRYPTOGLOSSINI LeConte, 1862 *nomen protectum*

CENTRIOPTÉRIDES Lacordaire, 1859: 134 [stem: *Centrioptér-*]. Type genus: *Centrioptera* Mannerheim, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 220, as CENTRIOPTERAE), generally accepted as in Bouchard et al. (2005: 502, as CENTRIOPTERINI); *nomen oblitum* (see Aalbu 2006: 57).

CRYPTOGLOSSINI J. L. LeConte, 1862: 220 [stem: *Cryptogloss-*]. Type genus: *Cryptoglossa* Solier, 1837. Comment: *nomen protectum* (see Aalbu 2006: 57).

Tribe EDROTINI Lacordaire, 1859

ÉDROTIDES Lacordaire, 1859: 31 [stem: *Edrot-*]. Type genus: *Edrotes* J. L. LeConte, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1907: 279, as EDROTINI), generally accepted as in Bouchard et al. (2005: 502, as EDROTINI).

TRIOROPHI J. L. LeConte and G. H. Horn, 1883: 362 [stem: *Trioroph-*]. Type genus: *Triorophus* J. L. LeConte, 1851.

AUCHMOBII J. L. LeConte and G. H. Horn, 1883: 362 [stem: *Auchmobi-*]. Type genus: *Auchmobius* J. L. LeConte, 1851.

TRIMYTINI Casey, 1907: 278 [stem: *Trimytid-*]. Type genus: *Trimytis* Leconte, 1851. Comment: incorrect original stem formation, not in prevailing usage.

EURYMETOPONINI Casey, 1907: 278 [stem: *Eurymetop-*]. Type genus: *Eurymetopon* Eschscholtz, 1831. Comment: incorrect original stem formation, not in prevailing usage.

TRIENTOMINI Casey, 1907: 278 [stem: *Trientom-*]. Type genus: *Trientoma* Solier, 1835.

Tribe ELENOPHORINI Solier, 1837

ELÉNOPHORITES Solier, 1837a: 638 [stem: *Elenophor-*]. Type genus: *Elenophorus* Dejean, 1821 [syn. of *Leptoderis* Billberg, 1820]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1859: 66, as ELENOPHORIDAE), generally accepted as in Bouchard et al. (2005: 502, as ELENOPHORINI).

Tribe EPITRAGINI Blanchard, 1845 *nomen protectum*

LYGOPHILIA Rafinesque, 1815: 113 [stem: *Lygophil-*]. Type genus: *Lygophilus* Rafinesque, 1815 [syn. of *Epitragus* Latreille, 1802]. Comment: *nomen oblitum* (see Bouchard et al. 2007: 386).

*ÉPITRAGITES Solier, 1834: 490 [stem: *Epitrag-*]. Type genus: *Epitragus* Latreille, 1802. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1834).

ÉPITRAGITES Blanchard, 1845b: 16 [stem: *Epitrag-*]. Type genus: *Epitragus* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Erichson (1847a: 117, as EPITRAGII), generally accepted as in Bouchard et al. (2005: 502, as EPITRAGINI); *nomen protectum* (see Bouchard et al. 2007: 386).

Tribe ERODIINI Billberg, 1820 *nomen protectum*

CEPHACERIA Rafinesque, 1815: 113 [stem: *Cephacer-*]. Type genus: *Cephacerus* Rafinesque, 1815 [syn. of *Erodium* Fabricius, 1775]. Comment: *nomen oblitum* (see Bouchard et al. 2007: 386).

ERODIIDES Billberg, 1820a: 32 [stem: *Erodi-*]. Type genus: *Erodus* Fabricius, 1775. Comment: *nomen protectum* (see Bouchard et al. 2007: 386); this family-group name was also used in the same year by Billberg (1820b: 392, as ERODIIDES).

*ESTENOGENIANOS Solier, 1851: 138 [stem: *Stenogeni-*]. Type genus: *Stenogenius* Solier, 1834 [unavailable genus name, proposed in synonymy and not subsequently made available]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time; incorrect original stem formation, not in prevailing usage.

*ARTHRODEIDEN Koch, 1943: 483 [stem: *Arthrode-*]. Type genus: *Arthrodeis* Solier, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

Tribe EVANIOSOMINI Lacordaire, 1859

ÉVANIOSOMIDES Lacordaire, 1859: 73 [stem: *Evaniosom-*]. Type genus: *Evaniosomus* Guérin-Méneville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gebien (1910a: 22, as EVANIOSOMINAE).

Tribe FALSOMYCTERINI Gebien, 1910

FALSOMYCTERINAE Gebien, 1910b: 177 [stem: *Falsomycter-*]. Type genus: *Falsomycter* Pic, 1907.

Tribe IDISIINI Medvedev, 1973

IDISIINI G. S. Medvedev, 1973: 644 [stem: *Idisi-*]. Type genus: *Idisia* Pascoe, 1866.

Tribe KLEWARIINI Gebien, 1910

KLEWARIINAE Gebien, 1910a: 36 [stem: *Klewari-*]. Type genus: *Klewaria* Reitter, 1910.

Tribe KUHITANGIINI Medvedev, 1962

KUHITANGIINAE G. S. Medvedev, 1962: 1184 [stem: *Kuhitangi-*]. Type genus: *Kuhitangia* G. S. Medvedev, 1962.

Tribe LACHNOGYINI Seidlitz, 1894

LACHNOGYINI Seidlitz, 1894: 490 [stem: *Lachnogy-*]. Type genus: *Lachnogyia* Ménétriés, 1849. Comment: subtribal classification according to G. S. Medvedev (2006).

Subtribe LACHNODACTYLINA Reitter, 1904

LACHNODACTYLINA Reitter, 1904: 182 [stem: *Lachnodactyl-*]. Type genus: *Lachnodactylus* Seidlitz, 1898.

Subtribe LACHNOGYNA Seidlitz, 1894

LACHNOGYINI Seidlitz, 1894: 490 [stem: *Lachnogy-*]. Type genus: *Lachnogyia* Ménétériés, 1849.

Subtribe NETUSCHILIINA Ferrer and Yvinec, 2004

NETUSCHILIINA Ferrer and Yvinec, 2004: 48 [stem: *Netuschili-*]. Type genus: *Netuschilia* Reitter, 1904. Comment: also incorrectly spelled as NETUSCHILINA in the original publication on page 48 (First Revisers are Bouchard et al. 2005: 504).

Tribe LEPTODINI Lacordaire, 1859

LEPTODIDES Lacordaire, 1859: 108 [stem: *Leptod-*]. Type genus: *Leptodes* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Baudi di Selve (1875: 74, as LEPTODIDAE), generally accepted as in Gebien (1910a: 91, as LEPTODINAE).

Tribe NYCTELIINI Solier, 1834

NYCTÉLITES Solier, 1834: 502 [stem: *Nycteli-*]. Type genus: *Nyctelia* Latreille, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1840a: 127, as NYCTELIDAE [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502, as NYCTELIINI); incorrect original stem formation, not in prevailing usage.

Tribe NYCTOPORINI Lacordaire, 1859

NYCTOPORIDES Lacordaire, 1859: 130 [stem: *Nyctopor-*]. Type genus: *Nyctoporis* Eschscholtz, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 219, as NYCTOPORINI), generally accepted as in Bouchard et al. (2005: 502, as NYCTOPORINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Nyctoporid-*).

Tribe PHRYNOCARENINI Gebien, 1928

PHRYNOCARENINAE Gebien, 1928: 105 [stem: *Phrynocaren-*]. Type genus: *Phrynocarenum* Gebien, 1928.

Tribe PHYSOGASTERINI Lacordaire, 1859

PHYSOGASTÉRIDES Lacordaire, 1859: 206 [stem: *Physogaster-*]. Type genus: *Physogaster* Lacordaire, 1830 [this genus name has been credited to Guérin-Méneville (1834: 2) in the literature, however the description of *Physogaster mendocinus* by Lacordaire (1830a: 276) makes the genus name available from that author and year]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. C. C. Burmeister (1875: 488, as PHYSOGASTERIDAE), generally accepted as in Bouchard et al. (2005: 502, as PHYSOGASTERINI).

Tribe PIMELIINI Latreille, 1802

PIMELIARIAE Latreille, 1802: 166 [stem: *Pimeli-*]. Type genus: *Pimelia* Fabricius, 1775.

PIMIDINIA Rafinesque, 1815: 113 [stem: *Pimidi-*]. Type genus: *Pimidia* Rafinesque, 1815 [syn. of *Pimelia* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

*PLATYOPES Motschulsky, 1849: 58 [stem: *Platyop-*]. Type genus: *Platyope* Fischer von Waldheim, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

PLATYOPIDAE Semenov, 1893a: 260 [stem: *Platyop-*]. Type genus: *Platyope* Fischer von Waldheim, 1820. Comment: family-group name proposed as new without reference to *Platyopes* Motschulsky, 1849; PLATYOPIDAE Huene, 1931 has been used in amphibians (type genus *Platyops* Twelvetrees, 1880) but this name is permanently invalid since it is based on a preoccupied genus name.

LEUCOLAEPHUSINI Pierre, 1961: 558 [stem: *Leucolaeeph-*]. Type genus: *Leucolaeophus* Lucas, 1859. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PRAOCIINI Eschscholtz, 1829

PRAOCIDAE Eschscholtz, 1829b: 5 [stem: *Praoci-*]. Type genus: *Praocis* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.

Tribe SEPIDIINI Eschscholtz, 1829

SEPIDIAE Eschscholtz, 1829b: 4 [stem: *Sepidi-*]. Type genus: *Sepidium* Fabricius, 1775.

Subtribe HYPOMELINA Koch, 1955

HYPOMELINA Koch, 1955: 36 [stem: *Hypomel-*]. Type genus: *Hypomelus* Solier, 1843.

Subtribe MOLURINA Solier, 1834

MOLURITES Solier, 1834: 505 [stem: *Molur-*]. Type genus: *Moluris* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Schaum (1859: 68, as MOLURIDAE), generally accepted as in Bouchard et al. (2005: 502, as MOLURINA); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Molurid-*).

*PSAMMODOIDEN Koch, 1953a: 138 [stem: *Psammod-*]. Type genus: *Psammodes* Kirby, 1819. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; PSAMMODIDAE has been used in the SCARABAEIDAE literature but this is based on an incorrect stem formation (type genus *Psammodius* Fallén, 1807, stem *Psammodi-*).

*PHRYNOCOLOIDEN Koch, 1953a: 138 [stem: *Phrynocol-*]. Type genus: *Phrynocolus* Lacordaire, 1859. Comment: original vernacular name unavailable (Art. 11.7.2); proposed after 1899.

Subtribe OXURINA Koch, 1955

OXURINA Koch, 1955: 34 [stem: *Oxur-*]. Type genus: *Oxura* Kirby, 1819.

Subtribe PHANEROTOMEINA Koch, 1958

*PHANEROTOMOIDE Koch, 1953a: 138 [stem: *Phanerotom-*]. Type genus: *Phanerotoma* Solier, 1843 [preoccupied genus name, not *Phanerotoma* Wesmael, 1838 [Hymenoptera]; syn. of *Phanerotomea* Koch, 1957]. Comment: family-group name unavailable (Art. 11.7.1.1); original name not proposed as a noun.

PHANEROTOMINA Koch, 1955: 37 [stem: *Phanerotom-*]. Type genus: *Phanerotoma* Solier, 1843 [preoccupied genus name, not *Phanerotoma* Wesmael, 1838 [Hymenoptera]; syn. of *Phanerotomea* Koch, 1957]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; PHANEROTOMINI Baker, 1925 (type genus *Phanerotoma* Wesmael, 1838) is available in Hymenoptera: BRACONIDAE.

PHANEROTOMEINA Koch, 1958: 58 [stem: *Phanerotome-*]. Type genus: *Phanerotomea* Koch, 1958. Comment: replacement name for PHANEROTOMINA Koch, 1955 because of the homonymy of the type genus.

Subtribe SEPIDIINA Eschscholtz, 1829

SEPIDIAE Eschscholtz, 1829b: 4 [stem: *Sepidi-*]. Type genus: *Sepidium* Fabricius, 1775.

Subtribe TRACHYNOTINA Koch, 1955

*TRACHYNOTIDES Brullé, 1832: 189 [stem: *Trachynot-*]. Type genus: *Trachynotus* Latreille, 1828. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Brullé (1832).

TRACHYNOTINA Koch, 1955: 34, in key [stem: *Trachynot-*]. Type genus: *Trachynotus* Latreille, 1828. Comment: TRACHYNOTIDAE Schrammen, 1924 in Porifera is permanently invalid because it was based on the junior homonym *Trachynotus* Schrammen, 1924; the fish name TRACHYNOTINAE Gill, 1861 (type genus *Trachynotus* Agassiz, 1846, an unjustified emendation of *Trachinotus* Lacepède, 1801 and also a junior homonym of *Trachynotus* Latreille, 1828) was later corrected to TRACHINOTINAE, which is used as valid today; TRACHYNOTOIDAE Förster, 1869 has also been used in ichneumonid literature but this name is permanently invalid since it was based on the junior homonym *Trachynotus* Gravenhorst, 1829.

Tribe STENOSINI Schaum, 1859 (1834)

TAGÉNITES Solier, 1834: 503 [stem: *Tageni*-.]. Type genus: *Tagenia* Latreille, 1802 [syn. of *Stenos* Herbst, 1799]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hope (1840a: 127, as TAGENIDAE), generally accepted as in G. R. Waterhouse (1845: 30, as TAGENIIDAE [incorrect stem formation]); use of younger name STENOSINI conserved (Art. 40.2) (see Bouchard et al. 2005: 523); incorrect original stem formation, not in prevailing usage.

STENOSIDAE Schaum, 1859: 66 [stem: *Stenos*-.]. Type genus: *Stenos* Herbst, 1799. Comment: published before end of February 1859; this family-group name was also used in the same year by Lacordaire (1859 [before 27 June]: 101, as STÉNOSIDES); use of family-group name conserved over TAGENINI Solier, 1834 (Art. 40.2) (see Bouchard et al. 2005: 523); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Stenose*-).

PLATAMODINA Reitter, 1900: 82 [stem: *Platamod*-.]. Type genus: *Platamodes* Ménétriés, 1849.

TYPHLOSECHINI Casey, 1907: 281 [stem: *Typhlusech*-.]. Type genus: *Typhlusechus* Linell, 1897.

ARAEOSCHIZINI Casey, 1907: 484 [stem: *Araeoschiz*-.]. Type genus: *Araeoschizus* J. L. LeConte, 1851.

DICHILLINA Reitter, 1916: 137, in key [stem: *Dichill*-.]. Type genus: *Dichillus* Jacquelin du Val, 1860.

HARVENGINA Ferrer, 2004: 370 [stem: *Harvengi*-.]. Type genus: *Harvengia* Ferrer, 2004. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TENTYRIINI Eschscholtz, 1831

TENTYRIDAE Eschscholtz, 1831: 4 [stem: *Tentyri*-.]. Type genus: *Tentyria* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2010c)]. Comment: incorrect original stem formation, not in prevailing usage.

GNATHOSIIDES Lacordaire, 1859: 33 [stem: *Gnathosi*-.]. Type genus: *Gnathosia* Fischer von Waldheim, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 213, as GNATHOSIINI), generally accepted as in Skopin (1979: 170, as GNATHOSIINA).

*HYPÉROPIDES Lacordaire, 1859: 60 [stem: *Hyperop*-.]. Type genus: *Hyperops* Eschscholtz, 1831. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

CAPNISINI Casey, 1907: 279 [stem: *Capnis*-.]. Type genus: *Capnisa* Dejean, 1836 [syn. of *Gnathosia* Fisher von Waldheim, 1821].

PACHYCERINA Skopin, 1979: 170, in key [stem: *Pachycer*-.]. Type genus: *Pachycera* Eschscholtz, 1831 [preoccupied genus name, not *Pachycera* Billberg, 1820 [Hemiptera]; syn. of *Oedenocera* Reiche, 1862]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

HIMATISMINA Skopin, 1979: 170, in key [stem: *Himatism-*]. Type genus: *Himatismus* Erichson, 1843.

Tribe THINOBATINI Lacordaire, 1859

THINOBATIDES Lacordaire, 1859: 63 [stem: *Thinobat-*]. Type genus: *Thinobatis* Eschscholtz, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 214, as THINOBATINI), generally accepted as in Bouchard et al. (2005: 502, as THINOBATINI); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Thinobatid-*).

Tribe TRIBOCARINI Lacordaire, 1859

TRIBOLOCARIDES Lacordaire, 1859: 69 [stem: *Trilobocar-*]. Type genus: *Trilobocara* Solier, 1851 [as *Tribolocara*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Kolbe (1887: 51, as TRIBOLOCARINI); incorrect stem formation, not in prevailing usage.

SALAXINI Casey, 1907: 282 [stem: *Salac-*]. Type genus: *Salax* Guérin-Ménéville, 1834. Comment: incorrect original stem formation, not in prevailing usage.

Tribe VACRONINI Gebien, 1910

VACRONINAE Gebien, 1910a: 118 [stem: *Vacron-*]. Type genus: *Vacronus* Casey, 1907 [syn. of *Alaephus* G. H. Horn, 1870].

*EUPSOPHULITES Kwieton, 1982: 96 [stem: *Eupsophul-*]. Type genus: *Eupsophulus* Cockerell, 1906. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe ZOPHOSINI Solier, 1834

ZOPHOSITES Solier, 1834: 597 [stem: *Zophos-*]. Type genus: *Zophosis* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 78, as ZOPHOSINI), generally accepted as in Bouchard et al. (2005: 501, as ZOPHOSINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Zophose-*).

*ONYCHOSITES A. Deyrolle, 1867: 79 [stem: *Onychose-*]. Type genus: *Onychosis* Deyrolle, 1867. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

*CARDIOSITES A. Deyrolle, 1867: 79 [stem: *Cardiose-*]. Type genus: *Cardiosis* Deyrolle, 1867. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

DACTYLOCALCARINI Gebien, 1938a: 46 [stem: *Dactyllocalcar-*]. Type genus: *Dactyllocalcar* Gebien, 1938.

Subfamily TENEBRIONINAE Latreille, 1802

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758. Comment: First Reviser (TENEBRIONINAE Latreille, 1802 vs HELOPINAE Latreille, 1802) not determined, current usage maintained

Tribe ACROPTERONINI Doyen, 1989

ACROPTERONINI Doyen, 1989: 288 [stem: *Acropteron-*]. Type genus: *Acropteron* Perty, 1832. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Acropter-*).

Tribe ALPHITOBIIINI Reitter, 1917

ALPHITOBIIINI Reitter, 1917: 58 [stem: *Alphitobi-*]. Type genus: *Alphitobius* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1975)].

Tribe AMARYGMINI Gistel, 1848

AMARYGMIDAE Gistel, 1848: [10] [stem: *Amarygm-*]. Type genus: *Amarygmus* Dalman, 1823. Comment: incorrect original stem formation, not in prevailing usage.

MÉGACANTHIDES Lacordaire, 1859: 467 [stem: *Megacanth-*]. Type genus: *Megacantha* Westwood, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Quedenfeldt (1885: 20, as MEGACANTHIDAE).

MÉRACANTHIDES Lacordaire, 1859: 464 [stem: *Meracanth-*]. Type genus: *Meracantha* Kirby, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 240, as MERACANTHINI), generally accepted as in Gebien (1911: 567, as MERACANTHINAE).

MEGACANTHINA Ardoin, 1962: 960 [stem: *Megacanth-*]. Type genus: *Megacantha* Westwood, 1843. Comment: family-group name proposed as new without reference to MÉGACANTHIDES Lacordaire, 1859.

Tribe AMPHIDORINI LeConte, 1862

*NYCTERINOIDES Solier, 1851: 210 [stem: *Nycterin-*]. Type genus: *Nycterinus* Eschscholtz, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1851).

*EMBAPHIONIDES Lacordaire, 1859: 151 [stem: *Embaphi-*]. Type genus: *Embaphion* Say, 1824. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., D. B. Thomas (2005: 549, as EMBAPHIONINI), but not generally attributed to Lacordaire (1859); EMBAPHIONINI, as used by D. B. Thomas (2005) is unavailable because it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

AMPHIDORAE J. L. LeConte, 1862: 239 [stem: *Amphidor-*]. Type genus: *Amphidora* Eschscholtz, 1829.

ELEODIINI Blaisdell, 1909: 27 [stem: *Eleod-*]. Type genus: *Eleodes* Eschscholtz, 1829. Comment: incorrect original stem formation, not in prevailing usage.

ELEODOPSINAE Blaisdell, 1939: 51 [stem: *Eleodopse-*]. Type genus: *Eleodopsis* Blaisdell, 1939 [syn. of *Eleodes* Eschscholtz, 1829]. Comment: incorrect original stem formation, not in prevailing usage.

LARIVERSIINA La Rivers, 1948: 98 [stem: *Lariversi-*]. Type genus: *Lariversius* Blaisdell, 1947.

TROGLODERINA La Rivers, 1948: 98 [stem: *Trogloдер-*]. Type genus: *Trogloдерus* J. L. LeConte, 1879.

*NYCTERINI Doyen et al., 1990: 244 [stem: *Nycterin-*]. Type genus: *Nycterinus* Eschscholtz, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

Tribe APOCRYPHINI Lacordaire, 1859

APOCRYPHIDES Lacordaire, 1859: 432 [stem: *Apocryph-*]. Type genus: *Apocrypha* Eschscholtz, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 217, as APOCRYPHINI), generally accepted as in Gebien (1911: 503, as APOCRYPHINAE).

DIPLOCYRTHINI Escalera, 1914b: 355 [stem: *Diplocyrt-*]. Type genus: *Diplocyrtus* Quendenfeldt, 1887 [as *Diplocyrthus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe BLAPTINI Leach, 1815

BLAPSIDA Leach, 1815: 101 [stem: *Blapt-*]. Type genus: *Blaps* Fabricius, 1775.

Subtribe BLAPTINA Leach, 1815

BLAPSIDA Leach, 1815: 101 [stem: *Blapt-*]. Type genus: *Blaps* Fabricius, 1775. Comment: although the original stem formation (*Blaps-*) was correct, the stem *Blapt-* has been used since it was first used by C. G. Thomson (1859: 114, as BLAPTIDAE) and is also used here; an application to the Commission is needed to conserve the current spelling.

Subtribe GNAPTORINA Medvedev, 2001

GNAPTORINA G. S. Medvedev, 2001: 29 [stem: *Gnaptor-*]. Type genus: *Gnaptor* Brullé, 1832.

Subtribe GNAPTORININA Medvedev, 2001

GNAPTORININA G. S. Medvedev, 2001: 31 [stem: *Gnaptorin-*]. Type genus: *Gnaptorina* Reitter, 1887.

Subtribe PROSODINA Skopin, 1960

PROSODINA Skopin, 1960: 48 [stem: *Prosod-*]. Type genus: *Prosodes* Eschscholtz, 1829.

Subtribe REMIPEDELLINA Semenov, 1907

REMIPEDELLINI Semenov, 1907a: 259 [stem: *Remipedell-*]. Type genus: *Remipedella* Semenov, 1907. Comment: this family-group name was also used in the same year by Semenov (1907b: 176, as REMIPEDELLINI); priority for the two publications could not be established although REMIPEDELLINI Semenov, 1907b could not be considered available since the type genus *Remipedella* was made available only in Semenov (1907a).

Tribe BOLITOPHAGINI Kirby, 1837 *nomen protectum*

ELEDONAEDES Billberg, 1820b: 392 [stem: *Eledon-*]. Type genus: *Eledona* Latreille, 1797. Comment: *nomen oblitum* (see Appendix 1); the name ELEDONINAE (type genus *Eledone* Leach, 1817) is used as valid in cephalopods (earliest usage in cephalopods found is ELEDONIDAE Rochebrune, 1884).

BOLITOPHAGIDAE Kirby, 1837: 236 [stem: *Bolitophag-*]. Type genus: *Bolitophagus* Illiger, 1798. Comment: *nomen protectum* (see Appendix 1).

RHIPIDANDRI J. L. LeConte, 1862: 236 [stem: *Rhipidandr-*]. Type genus: *Rhipidandrus* J. L. LeConte, 1862.

EUTOMIDES Lacordaire, 1865: 369 [stem: *Eutom-*]. Type genus: *Eutomus* Lacordaire, 1865 [syn. of *Rhipidandrus* J. L. LeConte, 1862]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Ferrari (1867: 3, as EUTOMIDES [treated as Latin]); name treated as unavailable by Bouchard et al. (2005: 508) but recently considered available by Alonso-Zarazaga and Lyal (2009: 7); taxon originally described in CURCULIONIDAE: SCOLYTINAE.

Tribe CENTRONOPINI Doyen, 1989

CENTRONOPINI Doyen, 1989: 284 [stem: *Centronop-*]. Type genus: *Centronopus* Solier, 1848. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Centronopod-*).

Tribe CERENOPINI Horn, 1870

CERENOPI G. H. Horn, 1870: 325 [stem: *Cerenop-*]. Type genus: *Cerenopus* J. L. LeConte, 1851. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cerenopod-*).

Tribe DISSONOMINI Medvedev, 1968

*HÉTÉROPHILATES Mulsant and Rey, 1859: 6 [stem: *Heterophyl-*]. Type genus: *Heterophylus* Mulsant and Rey, 1859 [preoccupied genus name, not *Heterophylus* Klug, 1833 [Coleoptera: TENEBRIONIDAE: DIAPERINAE]; syn. of *Dis-*

sonomus Jacquelin du Val, 1861]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

*DISSONOMITES Jacquelin du Val, 1861: 280 [stem: *Dissonom-*]. Type genus: *Dissonomus* Jacquelin du Val, 1861. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Jacquelin du Val (1861).

DISSONOMINI G. S. Medvedev, 1968: 211 [stem: *Dissonom-*]. Type genus: *Dissonomus* Jacquelin du Val, 1861.

Tribe EULABINI Horn, 1870

EULABES G. H. Horn, 1870: 323 [stem: *Eulab-*]. Type genus: *Eulabis* Eschscholtz, 1829.

Tribe FALSOSSYPHINI Ferrer, 2006

FALSOSSYPHINI Ferrer, 2006: 77 [stem: *Falsocossyph-*]. Type genus: *Falsocossyphus* Pic, 1916.

Tribe HELEINI Fleming, 1821

HELEADAE Fleming, 1821: 51 [stem: *Hele-*]. Type genus: *Helea* Latreille, 1816.

Subtribe ASPHALINA Matthews and Lawrence, 2005

ASPHALINA E. G. Matthews and Lawrence, 2005: 544 [stem: *Asphal-*]. Type genus: *Asphalus* Pascoe, 1868.

Subtribe CYPHALEINA Lacordaire, 1859

CYPHALÉIDES Lacordaire, 1859: 407 [stem: *Cyphale-*]. Type genus: *Cyphaleus* Westwood, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1866b: 470, as CYPHALEINAE), generally accepted as in Bouchard et al. (2005: 502, as CYPHALEINA); precedence (CYPHALEINI Lacordaire, 1859 vs NYCTOZOILINI Lacordaire, 1859) given to taxon originally proposed at the higher rank (Art. 24.1).

NYCTOZOÏLIDES Lacordaire, 1859: 349 [stem: *Nyctozoil-*]. Type genus: *Nyctozoilus* Guérin-Méneville, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bates (1872b: 98, as Nyctozoilides [treated as Latin]), generally accepted as in Carter (1911: 138, as NYCTOZOILIDES [treated as Latin]).

Subtribe HELEINA Fleming, 1821

HELEADAE Fleming, 1821: 51 [stem: *Hele-*]. Type genus: *Helea* Latreille, 1804. Comment: incorrect original stem formation, not in prevailing usage.

BRISEINAE Carter, 1924: 33 [stem: *Bris-*]. Type genus: *Brises* Pascoe, 1869. Comment: incorrect original stem formation, not in prevailing usage.

Tribe HELOPINI Latreille, 1802

HELOPII Latreille, 1802: 176 [stem: *Helop-*]. Type genus: *Helops* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2009d)].

Subtribe HELOPINA Latreille, 1802

HELOPII Latreille, 1802: 176 [stem: *Helop-*]. Type genus: *Helops* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 2009d)].

HYPULIA Rafinesque, 1815: 114 [stem: *Hypul-*]. Type genus: *Hypulus* Rafinesque, 1815 [syn. of *Helops* Fabricius, 1775].

*ENOPLOPITES Solier, 1848: 155 [stem: *Enoplopod-*]. Type genus: *Enoplopus* Solier, 1848. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Solier (1848); incorrect original stem formation, not in prevailing usage.

*HÉDYPHANES Motschulsky, 1849: 57 [stem: *Hedyphan-*]. Type genus: *Hedyphanes* Fischer von Waldheim, 1820. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Motschulsky (1849).

ENOPLOPINI Reitter, 1917: 62 [stem: *Enoplopod-*]. Type genus: *Enoplopus* Solier, 1848. Comment: incorrect original stem formation, not in prevailing usage.

NEPHODINI Reitter, 1917: 63 [stem: *Nephod-*]. Type genus: *Nephodes* Blanchard, 1845.

HEDYPHANINA Reitter, 1922b: 6 [stem: *Hedyphan-*]. Type genus: *Hedyphanes* Fischer von Waldheim, 1820.

*STENOTRICHINI Blaisdell, 1939: 50 [stem: *Stenotrich-*]. Type genus: *Stenotrichus* J. L. LeConte, 1862 [syn. of *Helops* Fabricius, 1775]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe CYLINDRINOTINA Español, 1956

*XANTHOMINI Antoine, 1949: 162 [stem: *Xanthom-*]. Type genus: *Xanthomus* Mulsant, 1854. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*ECTROMOPSINI Antoine, 1949: 162 [stem: *Ectromopse-*]. Type genus: *Ectromopsis* Antoine, 1949. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

CYLINDRINOTINI Español, 1956: 84 [stem: *Cylindrinot-*]. Type genus: *Cylindrinotus* Faldermann, 1837 [as *Cylindronotus*, unjustified emendation of type genus name by Agassiz (1846b: 111), not in prevailing usage]. Com-

ment: incorrect original stem formation, not in prevailing usage; correction of stem by Bouchard et al. (2005: 509).

Tribe HELOPININI Lacordaire, 1859

HÉLOPINIDES Lacordaire, 1859: 457 [stem: *Helopin-*]. Type genus: *Helopinus* Solier, 1848.

Subtribe APTILINA Koch, 1958

APTILINA Koch, 1958: 139 [stem: *Aptil-*]. Type genus: *Aptila* Fåhræus, 1870.

Subtribe HELOPININA Lacordaire, 1859

HÉLOPINIDES Lacordaire, 1859: 457 [stem: *Helopin-*]. Type genus: *Helopinus* Solier, 1848. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Bertkau (1875: 356, as HELOPININI), generally accepted as in Gebien (1911: 563, as HELOPININAE).

DROSOCHRINI Koch, 1958: 133 [stem: *Drosochr-*]. Type genus: *Drosochrus* Erichson, 1843. Comment: unnecessary replacement name for HELOPININI Lacordaire, 1859.

Subtribe MICRANTEREINA Reitter, 1917

MICRANTEREINI Reitter, 1917: 60 [stem: *Micrantere-*]. Type genus: *Micrantereus* Solier, 1848.

Subtribe ONCOSOMINA Koch, 1958

ONCOSOMINA Koch, 1958: 134 [stem: *Oncosom-*]. Type genus: *Oncosoma* Westwood, 1843 [unjustified emendation of *Ogcosoma* by Agassiz (1846b: 257), in prevailing usage, treated as justified emendation (Art. 33.2.3.1)]. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Oncosomat-*).

Tribe MELANIMONINI Seidlitz, 1894 (1854)

MICROZOOMATES Mulsant, 1854: 176 [stem: *Microzo-*]. Type genus: *Microzoum* Dejean, 1834 [syn. of *Melanimon* Steven 1829]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 128, as MICROZOINA), generally accepted as in Bouchard et al. (2005: 523, as MICROZOINI); use of MELANIMONINI Seidlitz, 1894 conserved (Art. 40.2) (see Bouchard et al. 2005: 523); incorrect original stem formation, not in prevailing usage.

MELANIMONINA Seidlitz, 1894: 449 [stem: *Melanimon-*]. Type genus: *Melanimon* Steven, 1829. Comment: use of younger family-group name conserved (Art. 40.2) (see Bouchard et al. 2005).

Tribe OPATRINI Brullé, 1832

OPATRITES Brullé, 1832: 213 [stem: *Opatr-*]. Type genus: *Opatrum* Fabricius, 1775.

Subtribe HETEROCHEIRINA Koch, 1956

HETEROCHEIRINI Koch, 1956: 43 [stem: *Heterocheir-*]. Type genus: *Heterocheira* Lacordaire, 1859.

Subtribe HETEROTARSINA Blanchard, 1845

HÉTÉROTARSITES Blanchard, 1845b: 14 [stem: *Heterotars-*]. Type genus: *Heterotarsus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 231, as HETEROTARSINI), generally accepted as in Bouchard et al. (2005: 502, as HETEROTARSINA).

Subtribe OPATRINA Brullé, 1832

OPATRITES Brullé, 1832: 213 [stem: *Opatr-*]. Type genus: *Opatrum* Fabricius, 1775. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shuckard (1839b: 49, as OPATRIDAE), generally accepted as in Bouchard et al. (2005: 502, as OPATRINI).

*GONOCÉPHALITES Solier, 1834: 498 [stem: *Gonocephal-*]. Type genus: *Gonocephalum* Solier, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1834).

*BLAPSTINOIDES Solier, 1851: 231 [stem: *Blapstin-*]. Type genus: *Blapstinus* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Solier (1851).

BLAPSTINITES Mulsant and Rey, 1853: 258 [stem: *Blapstin-*]. Type genus: *Blapstinus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1862: 227, as BLAPSTINI).

STIZOPIDES Lacordaire, 1859: 258 [stem: *Stizopod-*]. Type genus: *Stizopus* Erichson, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 207, as STIZOPINI), generally accepted as in Gebien (1938b: 72 [393], as STIZOPINI); incorrect original stem formation, not in prevailing usage.

SCLÉRIDES Lacordaire, 1859: 263 [stem: *Scler-*]. Type genus: *Scleron* Hope, 1840 [syn. of *Sclerum* Dejean, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1890 [Gatt.]: 129, as SCLERINA), generally accepted as in Seidlitz (1894: 415, as SCLERINA).

- *PENTHICAIREs Mulsant and Rey, 1859: 5 [stem: *Penthic-*]. Type genus: *Penthicus* Faldermann, 1836. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as PENTHICINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- *CAEDIAIREs Mulsant and Rey, 1859: 124 [stem: *Caedi-*]. Type genus: *Caedius* Blanchard, 1845. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as CAEDIINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- *BLACODAIRES Mulsant and Rey, 1859: 93 [stem: *Blacod-*]. Type genus: *Blacodes* Blanchard, 1845 [syn. of *Blenosia* Laporte, 1840]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as BLACODINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- *CLITOBIATES Mulsant and Rey, 1859: 141 [stem: *Clitobi-*]. Type genus: *Clitobius* Mulsant and Rey, 1859. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 208, as CLITOBIINI, under the valid tribe name OPATRINI), but not generally accepted as valid.
- GONOCÉPHALATES Mulsant and Revelière, 1861: 154 [stem: *Gonocephal-*]. Type genus: *Gonocephalum* Solier, 1834. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Gerstaecker (1861: 483, as GONOCEPHALIDAE).
- *DILAMITES Jacquelin du Val, 1861: 279 [stem: *Dilam-*]. Type genus: *Dilamus* Jacquelin du Val, 1861. Comment: original vernacular name unavailable (Art. 11.7.2); not subsequently latinized.
- AMMOBIINI Desbrochers des Loges, 1902b: 1 [stem: *Ammobi-*]. Type genus: *Ammobius* Guérin-Méneville, 1844.
- EMMALLINA Koch, 1956: 51 [stem: *Emmal-*]. Type genus: *Emmalus* Erichson, 1843 [as *Emmallus*, unjustified emendation of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.
- STENOLAMINA Koch, 1956: 49 [stem: *Stenolam-*]. Type genus: *Stenolamus* Gebien, 1920.

Subtribe NEOPACHYPTERINA Bouchard, Löbl and Merkl, 2007

- PACHYPTÉRATES Mulsant and Rey, 1859: 83 [stem: *Pachypter-*]. Type genus: *Pachypterus* Lucas, 1846 [preoccupied genus name, not *Pachypterus* Swainson, 1839 [Pisces]; syn. of *Neopachypterus* Bouchard et al., 2007]. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Desbrochers des Loges (1901: 146, as PACHYPTERINI [actually spelled PACHNEPHORINI but this name was

corrected to PACHYPTERINI later by Desbroches des Loges (1902a: 85)]; permanently invalid (Art. 39): based on preoccupied type genus.

PACHYPTERINI G. S. Medvedev, 1968: 247 [stem: *Pachypter-*]. Type genus: *Pachypterus* Lucas, 1846 [preoccupied genus name, not *Pachypterus* Swainson, 1839 [Pisces]; syn. of *Neopachypterus* Bouchard et al., 2007]. Comment: family-group name proposed as new without reference to PACHYPTÉRATES Mulsant and Rey, 1859; permanently invalid (Art. 39): based on preoccupied type genus.

NEOPACHYPTERINA Bouchard et al., 2007: 386 [stem: *Neopachypter-*]. Type genus: *Neopachypterus* Bouchard et al., 2007. Comment: replacement name for PACHYPTÉRATES Mulsant and Rey, 1859 and PACHYPTERINI G. S. Medvedev, 1968 because of the homonymy of the type genus.

Tribe PALORINI Matthews, 2003

*PALORINAE E. G. Matthews, 2003a: 50 [stem: *Palor-*]. Type genus: *Palorus* Mulsant, 1854. Comment: unavailable name (Art. 16): not explicitly indicated as new.

PALORINAE E. G. Matthews, 2003b: 7 [stem: *Palor-*]. Type genus: *Palorus* Mulsant, 1854. Comment: validation of PALORINAE Matthews (2003a).

Tribe PEDININI Eschscholtz, 1829

PEDINIDEN Eschscholtz, 1829b: 4 [stem: *Pedin-*]. Type genus: *Pedinus* Latreille, 1797.

Subtribe DENDARINA Mulsant and Rey, 1854

PANDARITES Mulsant and Rey, 1854: 153 [stem: *Pandar-*]. Type genus: *Dendarus* Dejean, 1821 [as *Pandarus*, unjustified emendation of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1854: 226, as PANDARIDAE [incorrect stem formation]), and generally accepted as in Seidlitz (1889[Gatt.]: 126, as DENDARINA).

*OMOCRATATES Mulsant and Rey, 1854: 266, in key [stem: *Omocrat-*]. Type genus: *Omocrates* Mulsant, 1854 [preoccupied genus name, not *Omocrates* H. C. C. Burmeister, 1844 [Coleoptera: SCARABAEIDAE]; syn. of *Phylan* Dejean, 1821]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

*MICROSITATES Mulsant and Rey, 1854: 274 [stem: *Microsit-*]. Type genus: *Micrositus* Mulsant and Rey, 1854. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*ISOCÉRATES Mulsant and Rey, 1854: 188 [stem: *Isocer-*]. Type genus: *Iso-cerus* Dejean, 1821 [preoccupied genus name, not *Isocerus* Illiger, 1802 [Coleoptera: CERAMBYCIDAE]; syn. of *Neoisocerus* Bouchard et al., 2005].

Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

*HÉLIOPATHAIRES Mulsant and Rey, 1854: 265 [stem: *Heliopat-*]. Type genus: *Heliopates* Dejean, 1834 [as *Heliopathes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

PHYLACIDES Lacordaire, 1859: 270 [stem: *Phylac-*]. Type genus: *Phylax* Brullé, 1832 [syn. of *Dendarus* Dejean, 1821]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1893: 220, as PHYLACINA).

BIOPLANINA A. N. Reichardt, 1936: 24 [stem: *Bioplanet-*]. Type genus: *Bioplanes* Mulsant, 1854. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe EURYNOTINA Mulsant and Rey, 1854

EURYNOTAIRES Mulsant and Rey, 1854: 156 [stem: *Eurymot-*]. Type genus: *Eurynotus* Kirby, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Koch (1956: 25, as EURYNOTINA), generally accepted as in Bouchard et al. (2005: 502, as EURYNOTINA).

PSECTROPINI Kaszab, 1941: 33 [stem: *Psectropod-*]. Type genus: *Psectropus* sensu Kaszab, 1941 [not *Psectropus* Solier, 1848; syn. of *Schyzochelus* Koch, 1954]. Comment: based on misidentified type genus; incorrect original stem formation, not in prevailing usage.

ONCOTINI Koch, 1953c: 267, in key [stem: *Oncot-*]. Type genus: *Oncotus* Blanchard, 1845.

SCHYZOSCHELINA Koch, 1956: 25 [stem: *Schyzoschel-*]. Type genus: *Schyzoschelus* Koch, 1954.

Subtribe LEICHENINA Mulsant, 1854

LEICHENAIRES Mulsant, 1854: 179 [stem: *Leichen-*]. Type genus: *Leichenum* Blanchard, 1845. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Casey (1890: 391, as LEICHENINI), generally accepted as in Bouchard et al. (2005: 502, as LEICHENINA).

Subtribe LOENSINA Koch, 1956

*LOENSINI Koch, 1955: 1 [stem: *Loens-*]. Type genus: *Loensus* Lucas, 1920. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LOENSINI Koch, 1956: 402 [stem: *Loens-*]. Type genus: *Loensus* Lucas, 1920.

Subtribe MELAMBIINA Mulsant and Rey, 1854

MELAMBIATES Mulsant and Rey, 1854: 267 [stem: *Melambi-*]. Type genus: *Melambius* Mulsant and Rey, 1854. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Español (1945: 226, as MELAMBINA [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502, as MELAMBIINA).

LITOBORINAE Antoine, 1941: 19-21 [stem: *Litobor-*]. Type genus: *Litoborus* Mulsant and Rey, 1854.

ZADENINA Koch, 1956: 279, in key [stem: *Zaden-*]. Type genus: *Zadenos* Laporte, 1840.

Subtribe PEDININA Eschscholtz, 1829

PEDINIDEN Eschscholtz, 1829b: 4 [stem: *Pedin-*]. Type genus: *Pedinus* Latreille, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. R. Waterhouse (1845: 32, as PEDINIDAE), generally accepted as in Bouchard et al. (2005: 502, as PEDININI).

Subtribe PLATYNOTINA Mulsant and Rey, 1853

*HÉTÉROSCÉLITES Solier, 1836: 502 [stem: *Heteroscelid-*]. Type genus: *Heteroscelis* Latreille, 1829 [preoccupied genus name, not *Heteroscelis* Latreille, 1829 [Hemiptera]; syn. of *Anomalipus* Guérin-Méneville, 1831]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

PLATYNOTAIRE Mulsant and Rey, 1853: 263 [stem: *Platynot-*]. Type genus: *Platynotus* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 226, as PLATYNOTINI), generally accepted as in Bouchard et al. (2005: 502, as PLATYNOTINA); First Reviser (PLATYNOTINA Mulsant and Rey, 1853 vs TRIGONOPIDINA Mulsant and Rey, 1853) not determined, current usage maintained.

TRIGONOPAIRES Mulsant and Rey, 1853: 104 [stem: *Trigonopod-*]. Type genus: *Trigonopus* Mulsant and Rey, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aalbu (2006: 70, as TRIGONOPINA); incorrect original stem formation, not in prevailing usage.

GONOPIDES Lacordaire, 1859: 255 [stem: *Gonopod-*]. Type genus: *Gonopus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 207, as GONOPINI), generally accepted as in Gebien (1938a: 90, as GONOPINI); incorrect original stem formation, not in prevailing usage.

PLATYNOTINI Koch, 1953c: 268, in key [stem: *Platynot-*]. Type genus: *Platynotus* Fabricius, 1801. Comment: family-group name proposed as new without reference to PLATYNOTAIRIES Mulsant and Rey, 1853.

ANOMALIPINA Koch, 1954: 427 [stem: *Anomalipod-*]. Type genus: *Anomalipus* Guérin-Méneville, 1831 [unjustified emendation of *Anomalipes* Guérin-Méneville, 1831 by Lacordaire, 1859; unjustified emendation in prevailing usage, treated as justified emendation (Art. 33.2.3.1)]. Comment: incorrect original stem formation, not in prevailing usage.

*ANCHOPHTHALMOID Koch, 1956: 71, in key [stem: *Anchophthalm-*]. Type genus: *Anchophthalmus* Gerstaecker, 1854. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

*SELINOID Koch, 1956: 70, in key [stem: *Selin-*]. Type genus: *Selinus* Mulsant and Rey, 1853. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun; SELININI Jeannel, 1948 (type genus *Selina* Motschulsky, 1858) is currently used as a valid in CARABIDAE.

*MELANOCRATOID Iwan, 1996: 379, 380–381 [stem: *Melanocrat-*]. Type genus: *Melanocratus* Fairmaire, 1895. Comment: family-group name unavailable (Art. 11.7.1.1): original name not proposed as a noun.

Subtribe PYTHIOPINA Koch, 1953

PYTHIOPINI Koch, 1953b: 245 [stem: *Pythiop-*]. Type genus: *Pythiopus* Koch, 1953. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Pythiopod-*).

Tribe PLATYSCOLIDINI Lacordaire, 1859

PLATYSCOLIDES Lacordaire, 1859: 229 [stem: *Platyscolid-*]. Type genus: *Platyscolis* Latreille, 1818 [placed on the Official List of Generic Names in Zoology (ICZN 1993e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1889 [Gatt.]: 126, as PLATYSCOLINA [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 502, as PLATYSCOLIDINI); incorrect original stem formation, not in prevailing usage; correction of stem by Egorov (1990: 401) in order to avoid homonymy with PLATYSCOLIDAE Bate, 1862 in Crustacea.

Tribe PRAEUGENINI De Moor, 1970

*PRAOGENINI Ferreira, 1965: 312 [stem: *Praeugen-*]. Type genus: *Praeugena* Laporte, 1840 [as *Praogena*, unjustified emendation of type genus name, not in prevailing usage]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

PRAEUGENINA De Moor, 1970: 4 [stem: *Praeugen-*]. Type genus: *Praeugena* Laporte, 1840.

Tribe RHYSOPOUSSINI Wasmann, 1896

RHYSOPOUSSIDAE Wasmann, 1896: 613 [stem: *Rhysopauss-*]. Type genus: *Rhysopausus* Wasmann, 1896.

Tribe SCAURINI Billberg, 1820

SCAURIDES Billberg, 1820a: 31 [stem: *Scaur-*]. Type genus: *Scaurus* Fabricius, 1775. Comment: this family-group name was also used in the same year by Billberg (1820b: 392, as SCAURIDES).

Tribe SCOTOBIINI Solier, 1838

SCOTOBITES Solier, 1838: 39 [stem: *Scotobi-*]. Type genus: *Scotobius* Germar, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 336, as SCOTOBIIDAE), generally accepted as in Bouchard et al. (2005: 502, as SCOTOBIINI); incorrect original stem formation, not in prevailing usage.

Tribe TENEBRIONINI Latreille, 1802

TENEBRIONITES Latreille, 1802: 165 [stem: *Tenebrion-*]. Type genus: *Tenebrio* Linnaeus, 1758.

BIUINI Skopin, 1978: 224, in key [stem: *Bi-*]. Type genus: *Bius* Dejean, 1834. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TITAEININI Fauvel, 1905

TITAEININI Fauvel, 1905b: 209 [stem: *Titaen-*]. Type genus: *Titaena* Erichson, 1842.

Tribe TOXICINI Oken, 1843

TOXICIDEN Oken, 1843: 484 [stem: *Toxic-*]. Type genus: *Toxicum* Latreille, 1802.

Subtribe EUDYSANTINA Bouchard, Lawrence, Davies and Newton, 2005

DYSANTINAE Gebien, 1922: 289 [stem: *Dysant-*]. Type genus: *Dysantes* Pascoe, 1871 [preoccupied genus name, not *Dysantes* Foerster, 1868 [Hymenoptera]; syn. of *Eudysantes* Bouchard et al., 2005]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EUDYSANTINA Bouchard et al., 2005: 508 [stem: *Eudysant-*]. Type genus: *Eudysantes* Bouchard et al., 2005. Comment: replacement name for DYSANTINA Gebien, 1922 because of the homonymy of the type genus.

Subtribe NYCTEROPINA Lacordaire, 1859

NYCTÉROPIDES Lacordaire, 1859: 388 [stem: *Nycterop-*]. Type genus: *Nycteropus* Klug, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 211, as NYCTEROPINI), generally accepted as in Bouchard et al. (2005: 502, as NYCTEROPINA).

Subtribe TOXICINA Oken, 1843

TOXICIDEN Oken, 1843: 484 [stem: *Toxic-*]. Type genus: *Toxicum* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as TOXICIDAE); family-group name previously attributed to Lacordaire (1859). ANTHRACINI Houlbert, 1922b: 185, in key [stem: *Anthraci-*]. Type genus: *Anthracias* Dejean, 1834 [syn. of *Cryphaeus* Klug, 1833].

Tribe TRIBOLIINI Gistel, 1848

TRIBOLIIDAE Gistel, 1848: [4] [stem: *Triboli-*]. Type genus: *Tribolium* W. S. MacLeay, 1825 [placed on the Official List of Generic Names in Zoology (ICZN 1988e)].

Tribe ULOMINI Blanchard, 1845

ULOMITES Blanchard, 1845b: 16 [stem: *Ulom-*]. Type genus: *Ulama* Dejean, 1821 [placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 164, as ULOMITAE), generally accepted as in Bouchard et al. (2005: 502, as ULOMINI); current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Ulomat-*).

*OLIGOCAROIDES Solier, 1851: 225 [stem: *Oligocar-*]. Type genus: *Oligocara* Solier, 1848. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ALÉGORIIDES Lacordaire, 1859: 325 [stem: *Alegori-*]. Type genus: *Alegoria* Laporte, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1894: 545, as ALEGORIINA).

NEOPSECTROPINAE Kaszab, 1941: 30 [stem: *Neopsectropod-*]. Type genus: *Neopsectropus* Kaszab, 1941. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily ALLECULINAE Laporte, 1840

ALLÉCULITES Laporte, 1840b: 242 [stem: *Allecul-*]. Type genus: *Allecula* Fabricius, 1801. Comment: given precedence over the older names XYSTROPODINAE Solier, 1835 and CTENIOPODINAE Solier, 1835 (Art. 35.5) (see Bouchard et al. 2005).

Tribe ALLECULINI Laporte, 1840

ALLÉCULITES Laporte, 1840b: 242 [stem: *Allecul-*]. Type genus: *Allecula* Fabricius, 1801. Comment: given precedence over the older name XYSTROPODINI Solier, 1835 (Art. 35.5) (see Bouchard et al. 2005).

Subtribe ALLECULINA Laporte, 1840

ALLÉCULITES Laporte, 1840b: 242 [stem: *Allecul-*]. Type genus: *Allecula* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Packard (1874: iii, as ALLECULIDAE), generally accepted as in Bouchard et al. (2005: 502, as ALLECULINA).

*CYLINDROTHORIDES Lacordaire, 1859: 494 [stem: *Cylindrothor-*]. Type genus: *Cylindrothorus* Solier, 1844. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

UPINELLAE J. L. LeConte, 1866b: 137 [stem: *Upinell-*]. Type genus: *Upinella* Mulsant, 1856.

Subtribe GONODERINA Seidlitz, 1896

GONODERINA Seidlitz, 1896: 83 [stem: *Gonoder-*]. Type genus: *Gonodera* Mulsant, 1856.

PSEUDOCISTELINI Portevin, 1934: 39, in key [stem: *Pseudocistel-*]. Type genus: *Pseudocistela* Crotch, 1873.

Subtribe MYCETOCHARINA Gistel, 1848

MYCETOCHARISIDAE Gistel, 1848: [10] [stem: *Mycetochar-*]. Type genus: *Mycetochara* Berthold, 1827 [as *Mycetochares*, incorrect subsequent spelling not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe XYSTROPODINA Solier, 1835

XYSTROPIDES Solier, 1835a: 229 [stem: *Xystropod-*]. Type genus: *Xystropus* Solier, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 390, as XYSTROPODIDAE), generally accepted as in Bouchard et al. (2005: 502, as XYSTROPODINA); incorrect original stem formation, not in prevailing usage.

LYSTRONYCHIDES Lacordaire, 1859: 512 [stem: *Lystronych-*]. Type genus: *Lystronychus* Latreille, 1829 [incorrect subsequent spelling of *Lystronichus*, incorrect spelling in current usage, treated as correct original spelling (Art. 33.3.1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 390, as LYSTRONYCHI).

Tribe CTENIOPODINI Solier, 1835

CISTELINAE Latreille, 1802: 188 [stem: *Cistel-*]. Type genus: *Cistela* Fabricius, 1775 [preoccupied genus name, not *Cistela* Geoffroy, 1762 [Coleoptera: BYRRHIDAE]; syn. of *Cteniopus* Solier, 1835; Geoffroy's generic name was suppressed for the purposes of the Principle of Priority but not for the Principle of Homonymy (ICZN 1994a)]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CTENIOPITES Solier, 1835a: 245 [stem: *Cteniopod-*]. Type genus: *Cteniopus* Solier, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Agassiz (1846b: 107, as CTENIOPODIDAE), generally ac-

cepted as in Bouchard et al. (2005: 502, as CTENIOPODINI); incorrect original stem formation, not in prevailing usage.

OMOPHILIENS Mulsant, 1856a: 65 [stem: *Omophl-*]. Type genus: *Omophtus* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1896: 28, as OMOPHLINI), generally accepted as in Ogloblin and Znojko (1950: 9, as OMOPHLINAE).

PHIBALIDAE Gistel, 1856a: 384 [stem: *Phibal-*]. Type genus: *Phibalus* Gistel, 1856 [the genus *Phibalus* Gistel, 1856 originally included only one species therefore the type species is *Chrysomela pubescens* Linnaeus, 1758 by monotypy; this genus has not been used subsequently to our knowledge; **syn. nov.** of *Omophtus* Dejean, 1834]. Comment: **syn. nov.**

PETRIIDAE Semenov, 1893b: 359 [stem: *Petri-*]. Type genus: *Petria* Semenov, 1894.

PODONTINI Portevin, 1934: 45, in key [stem: *Podont-*]. Type genus: *Podonta* Solier, 1835.

Subfamily DIAPERINAE Latreille, 1802

DIAPERIALAE Latreille, 1802: 161 [stem: *Diaper-*]. Type genus: *Diaperis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe CRYPTICINI Brullé, 1832

CRYPTICITES Brullé, 1832: 190 [stem: *Cryptic-*]. Type genus: *Crypticus* Latreille, 1816. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 114, as CRYPTICINA), generally accepted as in Bouchard et al. (2005: 503, as CRYPTICINI).

OCHROTINI Desbrochers des Loges, 1901: 143, in key [stem: *Oochrot-*]. Type genus: *Oochrotus* Lucas, 1852.

Tribe DIAPERINI Latreille, 1802

DIAPERIALAE Latreille, 1802: 161 [stem: *Diaper-*]. Type genus: *Diaperis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe ADELININA LeConte, 1862

*SITOPHAGIENS Mulsant, 1854: 263 [stem: *Sitophag-*]. Type genus: *Sitophagus* Mulsant, 1854. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ALPHITOPHAGIDA Gistel, 1856b: 185 [stem: *Alphitophag-*]. Type genus: *Alphitophagus* Stephens, 1832. Comment: although this is the oldest name for the subtribe, we recommend that an application be submitted to the Commission to conserve usage of the name ADELININA J. L. LeConte, 1862.

*GNATHOCÉRITES Jacquelin du Val, 1861: 304 [stem: *Gnatocer-*]. Type genus: *Gnatocerus* Thunberg, 1814 [as *Gnathocerus*, incorrect subsequent spelling

of type genus name, not in prevailing usage; *Gnatocerus* Thunberg, 1814 placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Jacquelin du Val (1861); incorrect original stem formation, not in prevailing usage; GNATHOCERIDAE Schoch, 1894 is available in SCARABAEIDAE.

ADELININI J. L. LeConte, 1862: 237 [stem: *Adelin-*]. Type genus: *Adelina* Dejean, 1835. Comment: this well-established family-group name is threatened by the discovery of the older name ALPHITOPHAGIDA Gistel, 1856; although using Reversal of Precedence (Art. 23.9.1) to conserve usage of ADELININI J. L. LeConte, 1862 would be preferable, this can not be done because we cannot find 25 references in which this name has been used in the last 50 years; current usage is maintained here and an application should be submitted to the Commission in order to conserve ADELININI J. L. LeConte, 1862.

SCHEDAROSINI Reitter, 1876b: 42 [stem: *Schedaros-*]. Type genus: *Schedarosus* Reitter, 1876 [syn. of *Adelina* Dejean, 1835]. Comment: originally placed in the family CUCUJIDAE.

DOLIEMINI Reitter, 1917: 58 [stem: *Dolien-*]. Type genus: *Doliena* Pascoe, 1860 [syn. of *Adelina* Dejean, 1835].

GNATHOCERINI Skopin, 1978: 228, in key [stem: *Gnatocer-*]. Type genus: *Gnatocerus* Thunberg, 1814 [as *Gnathocerus*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Gnatocerus* Thunberg, 1814 placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: incorrect original stem formation, not in prevailing usage; GNATHOCERIDAE Schoch, 1894 is available in SCARABAEIDAE.

Subtribe DIAPERINA Latreille, 1802

DIAPERIALAE Latreille, 1802: 161 [stem: *Diaper-*]. Type genus: *Diaperis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

PENTAPHYLLAIRES Mulsant, 1854: 196 [stem: *Pentaphyll-*]. Type genus: *Pentaphyllus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1862: 236, as PENTAPHYLLI), generally accepted as in Silfverberg (1992: 61, as PENTAPHYLLINI); the name PENTAPHYLLINAE Schindewolf, 1942 (type genus *Pentaphyllum* de Koninck, 1872) is used as valid in Anthozoa; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PLATYDEMINAE Reitter, 1917: 61 [stem: *Platydem-*]. Type genus: *Platydema* Laporte and Brullé, 1831.

*HOPLOCEPHALINI Kwieton, 1982: 98 [stem: *Hoplocephal-*]. Type genus: *Hoplocephala* Laporte and Brullé, 1831 [based on unjustified emendation of

type genus name; originally proposed as *Oplocephala*; emended name in prevailing usage, treated as a justified emendation (Art. 33.2.3.1); syn. of *Neomida* Latreille, 1829]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe ECTYCHINI Doyen, Matthews and Lawrence, 1990

ECTYCHINI Doyen et al., 1990: 247 [stem: *Ectych-*]. Type genus: *Ectyche* Pascoe, 1869.

Tribe GNATHIDIINI Gebien, 1921

GNATHIDIINAE Gebien, 1921: 41 [stem: *Gnathidi-*]. Type genus: *Gnathidium* Gebien, 1921.

Subtribe ANOPIDIINA Jeannel and Paulian, 1945

ANOPIDIINI Jeannel and Paulian, 1945: 62 [stem: *Anopidi-*]. Type genus: *Anopidium* Jeannel and Paulian, 1945.

Subtribe GNATHIDIINA Gebien, 1921

GNATHIDIINAE Gebien, 1921: 41 [stem: *Gnathidi-*]. Type genus: *Gnathidium* Gebien, 1921.

Tribe HYOCINI Medvedev and Lawrence, 1982

HYOCINI G. S. Medvedev and Lawrence, 1982: 548 [stem: *Hyoci-*]. Type genus: *Hyocis* Pascoe, 1866.

Subtribe BRITTONINA Medvedev and Lawrence, 1986

BRITTONINA G. S. Medvedev and Lawrence, 1986: 574 [stem: *Britton-*]. Type genus: *Brittona* G. S. Medvedev and Lawrence, 1986.

Subtribe HYOCIINA Medvedev and Lawrence, 1982

HYOCINI G. S. Medvedev and Lawrence, 1982: 548 [stem: *Hyoci-*]. Type genus: *Hyocis* Pascoe, 1866. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe UPTONINA Medvedev and Lawrence, 1986

UPTONINA G. S. Medvedev and Lawrence, 1986: 581 [stem: *Upton-*]. Type genus: *Uptona* G. S. Medvedev and Lawrence, 1986.

Tribe HYPOPHLAEINI Billberg, 1820

HYPOPHLAEIDES Billberg, 1820a: 33 [stem: *Hypophlae-*]. Type genus: *Hypophlaeus* Fabricius, 1790 [syn. of *Corticeus* Piller and Mitterpacher, 1783].

CORTICEINI Boddy, 1965: 144 [stem: *Cortice-*]. Type genus: *Corticeus* Pillar and Mitterpacher, 1783.

Tribe LEOCHRININI Lewis, 1894

LEIOCHRININAE Lewis, 1894: 390 [stem: *Leiochrin-*]. Type genus: *Leiochrinus* Westwood, 1883.

Tribe MYRMECHIXENINI Jacquelin du Val, 1858

MYRMECHIXÉNITES Jacquelin du Val, 1858: 223 [stem: *Myrmekhixen-*]. Type genus: *Myrmekhixenus* Chevrolat, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Marseul (1863: 111, as MYRMEKIXENI [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 503, as MYRMECHIXENINI); originally placed in the family MYCETAEIDAE (syn. of ENDOMYCHIDAE).

Tribe PHALERIINI Blanchard, 1845

PHALÉRIIDES Blanchard, 1845b: 29 [stem: *Phaleri-*]. Type genus: *Phaleria* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1975)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [10], as PHALERIADAE [incorrect stem formation]), generally accepted as in Bouchard et al. (2005: 503, as PHALERIINI).

SEPEDONASTIDAE Gistel, 1856a: 382 [stem: *Sepedonast-*]. Type genus: *Sepedonastes* Gistel, 1856 [syn. of *Phaleria* Latreille, 1802].

CATAPHRONETINI Reitter, 1917: 57 [stem: *Cataphronet-*]. Type genus: *Cataphronetis* Lucas, 1846 [syn. of *Phtora* Germar, 1836].

Tribe SCAPHIDEMINI Reitter, 1922

SCAPHIDEMINI Reitter, 1922b: 2 [stem: *Scaphidem-*]. Type genus: *Scaphidema* Redtenbacher, 1849.

Tribe TRACHYSCELINI Blanchard, 1845

TRACHYSCÉLIDES Blanchard, 1845b: 28 [stem: *Trachyscel-*]. Type genus: *Trachyscelis* Latreille, 1809. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. R. Waterhouse (1858: 60, as TRACHYSCELIDAE), generally accepted as in Bouchard et al. (2005: 503, as TRACHYSCELINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Trachyscelid-*); conservation of the original stem avoids potential homonymy with family-group names based on the type genus *Trachyscelida* G. H. Horn, 1893 in CHRYSOMELIDAE.

Subfamily STENOCHIINAE Kirby, 1837

STENOCHIADAE Kirby, 1837: 238 [stem: *Stenochi-*]. Type genus: *Stenochia* Kirby, 1819.

Tribe CNODALONINI Oken, 1843

- CNODALIDEN Oken, 1843: 484 [stem: *Cnodalon*-.]. Type genus: *Cnodalon* Latreille, 1797. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Tulk (1847: 614, as CNODALIDAE); family-group name previously attributed to Gistel (1856a: 382); the correct stem based on *Cnodalon* is *Cnodal*-, therefore the original stem was correctly formed; however, since this family-group name has not been attributed to Oken (1843) in the past and the accepted stem has been *Cnodalon*- to this date, we have kept the currently accepted stem; an application to the Commission is necessary to conserve *Cnodalon*- as the correct stem for this taxon.
- COELOMETOPIDAE Schaum, 1859: 71 [stem: *Coelometop*-.]. Type genus: *Coelometopus* Solier, 1848. Comment: published before February 31, 1859; this family-group name was also used in the same year by Lacordaire (1859 [before 27 June]: 358, as COELOMÉTOPIDES).
- UPIDAE C. G. Thomson, 1859: 116 [stem: *Upid*-.]. Type genus: *Upis* Fabricius, 1792. Comment: incorrect original stem formation, not in prevailing usage.
- EUTÉLIDES Lacordaire, 1859: 354 [stem: *Eutel*-.]. Type genus: *Eutelus* Solier, 1843 [preoccupied genus name, not *Eutelus* Walker, 1834 [Hymenoptera]; syn. of *Nodotelus* Koch, 1950]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1866b: 469, as EUTELINAE), generally accepted as in Gebien (1911: 431, as EUTELINAE); permanently invalid (Art. 39): based on preoccupied type genus; EUTELINI Ashmead, 1904 (type genus *Eutelus* Walker, 1834) is available in Hymenoptera.
- MISOLAMPIDES Lacordaire, 1859: 440 [stem: *Misolamp*-.]. Type genus: *Misolampus* Latreille, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by and generally accepted as in F. Bates (1873: 373, as MISOLAMPIDES [treated as Latin]).
- CATAPIESTIDES Lacordaire, 1859: 381 [stem: *Catapiest*-.]. Type genus: *Catapiestus* Perty, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seidlitz (1895: 614, as CATAPIESTINA).
- *CAMARIDES Desmarest, 1860: 165 [stem: *Camari*-.]. Type genus: *Camaria* Lepelletier and Audinet-Serville, 1828. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Desmarest (1860).
- POLYPLEURI J. L. LeConte, 1862: 229 [stem: *Polypleur*-.]. Type genus: *Polypleurus* Eschscholtz, 1831.
- MISOLAMPIDIINI Reitter, 1917: 60, in key [stem: *Misolampidi*-.]. Type genus: *Misolampidius* Solsky, 1876.
- MENEPHILINI Reitter, 1920: 15 [stem: *Menephil*-.]. Type genus: *Menephilus* Mulsant, 1854.
- STENOPHANINI Reitter, 1922b: 2, 3 [stem: *Stenophan*-.]. Type genus: *Stenophanes* Solsky, 1876.

HEGEMONINI Reitter, 1922b: 3 [stem: *Hegemon-*]. Type genus: *Hegemona* Laporte, 1840.

CAMARIINAE Anonymous, 1924: 164 [stem: *Camari-*]. Type genus: *Camaria* Lepelletier and Audinet-Serville, 1828. Comment: this was a translation of the vernacular name "CAMARIINEN" used by Gebien (1919); Gebien's family-group name is not available since it was proposed in a vernacular form after 1899 (Art. 11.7.2); for comments about authorship of Camariinae see Evenhuis et al. (2008: 4).

NODOTELINI Koch, 1950: 67 [stem: *Nodotel-*]. Type genus: *Nodotelus* Koch, 1950. Comment: replacement name for EUTELINI Lacordaire, 1859 because of the homonymy of the type genus.

*THESILEINI Kaszab, 1982: 29 [stem: *Thesile-*]. Type genus: *Thesilea* Haag-Rutenberg, 1878. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe STENOCHIINI Kirby, 1837

STENOCHIADAE Kirby, 1837: 238 [stem: *Stenochi-*]. Type genus: *Stenochia* Kirby, 1819. Comment: incorrect original stem formation, not in prevailing usage.

STRONGYLIIDES Lacordaire, 1859: 478 [stem: *Strongyli-*]. Type genus: *Strongylium* Kirby, 1819 [name conserved over *Strongylium* Ditmar, 1809 [Myxomycota] (see Bouchard et al. 2005)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 241, as STRONGYLIINI), generally accepted as in Aalbu et al. (2002: 483, as STRONGYLIINI).

Tribe TALANINI Champion, 1887 (1883)

DIGNAMPTINI J. L. LeConte and G. H. Horn, 1883: 385 [stem: *Dignampt-*]. Type genus: *Dignamptus* J. L. LeConte, 1878 [syn. of *Talanus* Jacquelin du Val, 1857].

TALANIDES Champion, 1887: 321 [stem: *Talan-*]. Type genus: *Talanus* Jacquelin du Val, 1857. Comment: family-group name conserved over DIGNAMPTINI J. L. LeConte and G. H. Horn, 1883 (Art. 40.2) (see Bouchard et al. 2005).

TENEBRIONIDAE *incertae sedis*

BETSCHIINI Dajoz, 1980a: 135 [stem: *Betschi-*]. Type genus: *Betschia* Dajoz, 1980. Comment: originally placed in the family COLYDIIDAE, the type genus was transferred to TENEBRIONIDAE by Ivie and Ślipiński (1990: 18); placement uncertain although probably close to GNATHIDIINI (Ivie pers. comm. 2008).

Family PROSTOMIDAE Thomson, 1859

*MÉGAGNATHES Motschulsky, 1849: 60 [stem: *Megagnath-*]. Type genus: *Megagnathus* Dejean, 1821 [preoccupied genus name, not *Megagnathus* Billberg, 1820

[Coleoptera: CERAMBYCIDAE]; syn. of *Prostomis* Latreille, 1819]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

PROSTOMIDAE C. G. Thomson, 1859: 84 [stem: *Prostom*-.] Type genus: *Prostomis* Latreille, 1819. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Prostomid*-).

Family SYNCHROIDAE Lacordaire, 1859

SYNCHROÏDES Lacordaire, 1859: 544 [stem: *Synchro*-.] Type genus: *Synchroa* Newman, 1838. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 249, as SYNCHROAE), generally accepted as in Lawrence and Newton (1995: 894, as SYNCHROIDAE).

MALLODRYINI G. H. Horn, 1888: 43 [stem: *Mallodry*-.] Type genus: *Mallodrya* G. H. Horn, 1888.

Family STENOTRACHELIDAE Thomson, 1859

STENOTRACHELIDAE C. G. Thomson, 1859: 124 [stem: *Stenotrachel*-.] Type genus: *Stenotrachelus* Berthold, 1827.

Subfamily STENOTRACHELINAE Thomson, 1859

STENOTRACHELIDAE C. G. Thomson, 1859: 124 [stem: *Stenotrachel*-.] Type genus: *Stenotrachelus* Berthold, 1827.

Subfamily CEPHALOINAE LeConte, 1862

*CEPHALAONIDES Motschulsky, 1860: 140 [stem: *Cephalo*-.] Type genus: *Cephaloon* Newman, 1838 [as *Cephalaon*, incorrect subsequent spelling of type genus name corrected by Motschulsky to *Cephaloon* on pp. 140 in same work]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1860).

CEPHALOIDAE J. L. LeConte, 1862: 259 [stem: *Cephalo*-.] Type genus: *Cephaloon* Newman, 1838.

Subfamily NEMATOPLINAE LeConte, 1862

NEMATOPLI J. L. LeConte, 1862: 264 [stem: *Nematopl*-.] Type genus: *Nematoplus* J. L. LeConte, 1855.

Subfamily STOLIINAE Nikitsky, 1985

STOLIINAE Nikitsky, 1985: 32, in key [stem: *Stoli*-.] Type genus: *Stolius* Lewis, 1895.

Family OEDEMERIDAE Latreille, 1810

OEDEMERITES Latreille, 1810: 216 [stem: *Oedemer*-.] Type genus: *Oedemera* A. G. Olivier, 1789.

Subfamily POLYPRIINAE Lawrence, 2005

*POLYPRIIDAE Triplehorn and N. F. Johnson, 2005: 441 [stem: *Polypri*-.] Type genus: *Polypria* Chevrolat, 1874. Comment: unavailable family-group name, name published after 1999 and not explicitly indicated as new (Art. 16.1).

POLYPRIINAE Lawrence, 2005: 671, in key [stem: *Polypri*-.] Type genus: *Polypria* Chevrolat, 1874.

Subfamily CALOPODINAE Costa, 1852 *nomen protectum*

SPAREDRIIDAE Gistel, 1848: [11] [stem: *Sparedr*-.] Type genus: *Sparedrus* Dejean, 1821.

Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

CALOPINI A. Costa, 1852: 4 [stem: *Calopod*-.] Type genus: *Calopus* Fabricius, 1775.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Semenov (1894: 449, as CALOPODIDAE), generally accepted as in Švihla (2008: 353, as CALOPODINAE); *nomen protectum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

CATACHIROTIDAE Gistel, 1856a: 384 [stem: *Catachirotet*-.] Type genus: *Catachirotes* Gistel, 1856 [syn. of *Calopus* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily OEDEMERINAE Latreille, 1810

OEDEMERITES Latreille, 1810: 216 [stem: *Oedemer*-.] Type genus: *Oedemera* A. G. Olivier, 1789.

Tribe ASCLERINI Gistel, 1848

ASCLERAEIDAE Gistel, 1848: [11] [stem: *Ascler*-.] Type genus: *Asclera* Stephens, 1839. Comment: incorrect original stem formation, not in prevailing usage.

GANGLBAUERIIDAE Semenov, 1894: 450 [stem: *Ganglebaueri*-.] Type genus: *Ganglebaueria* Semenov, 1891.

*HYPASCLERINI Macnamara, 1971: 164 [stem: *Hypascler*-.] Type genus: *Hypasclera* Kirsch, 1866. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*HYPASCLERINI Švihla, 1986: 161 [stem: *Hypascler*-.] Type genus: *Hypasclera* Kirsch, 1866. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently.

*DANACERINAE Švihla, 1986: 161 [stem: *Danerc*-.] Type genus: *Danercus* Westwood, 1875. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; incorrect original stem formation, not in prevailing usage.

*OXACINI Švihla, 1986: 161 [stem: *Oxacid*-.] Type genus: *Oxaxis* J. L. LeConte, 1866. Comment: family-group name unavailable (Art. 11.6): originally pub-

lished as synonym and not made available subsequently; incorrect original stem formation, not in prevailing usage.

Tribe DITYLINI Mulsant, 1858

*DITYLES Motschulsky, 1849: 59 [stem: *Dityl-*]. Type genus: *Ditylus* Fischer von Waldheim, 1817. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Motschulsky (1849).

DITYLATES Mulsant, 1858: 100 [stem: *Dityl-*]. Type genus: *Ditylus* Fischer von Waldheim, 1817. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Semenov (1894: 450, as DITYLIDAE), generally accepted as in Kriska (2002: 517, as DITYLINI).

Tribe NACERDINI Mulsant, 1858

NACERDATES Mulsant, 1858: 104 [stem: *Nacerd-*]. Type genus: *Nacerdes* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Semenov (1894: 450, as NACERDIDAE), generally accepted as in Hansen (1996: 175, as NACERDINI).

Tribe OEDEMERINI Latreille, 1810

OEDEMERITES Latreille, 1810: 216 [stem: *Oedemer-*]. Type genus: *Oedemera* A. G. Olivier, 1789.

ONCOMERADAE Gistel, 1856a: 384 [stem: *Oncomer-*]. Type genus: *Oncomera* Stephens, 1829 [subgenus of *Oedemera* A. G. Olivier, 1789; placed on the Official List of Generic Names in Zoology (ICZN 1988f)]. Comment: incorrect original stem formation, not in prevailing usage.

*ONCOMERININI Švihla, 1986: 161 [stem: *Oncomerin-*]. Type genus: *Oncomerina* Seidlitz, 1899 [syn. of *Oncomera* Stephens, 1829]. Comment: family-group name unavailable (Art. 11.6); originally published as synonym and not made available subsequently.

Tribe STENOSTOMATINI Mulsant, 1858

STÉNOSTOMATES Mulsant, 1858: 228 [stem: *Stenostomat-*]. Type genus: *Stenostoma* Latreille, 1810. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Semenov (1894: 450, as STENOSTOMATIDAE), generally accepted as in Švihla (2008: 369, as STENOSTOMINI [incorrect stem formation]); incorrect original stem formation, not in prevailing usage.

Family MELOIDAE Gyllenhal, 1810

MELOOIDES Gyllenhal, 1810: 481 [stem: *Melo-*]. Type genus: *Meloe* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: given precedence over the older name HORIIDAE Latreille, 1802 and placed on the Official List of Family-Group Names in Zoology (ICZN 1999c).

Subfamily ELETICINAE Wellman, 1910

ELETICIDES Wellman, 1910: 221 [stem: *Eletic*-.] Type genus: *Eletica* Dejean, 1834.

Comment: First Reviser (ELETICINAE Wellman, 1910 vs DERIDEINAE Wellman, 1910) not determined, current usage maintained.

Tribe DERIDEINI Wellman, 1910

DERIDEIDES Wellman, 1910: 222 [stem: *Deride*-.] Type genus: *Deridea* Westwood, 1875.

Tribe ELETICINI Wellman, 1910

ELETICIDES Wellman, 1910: 221 [stem: *Eletic*-.] Type genus: *Eletica* Dejean, 1834.

Subtribe ELETICINA Wellman, 1910

ELETICIDES Wellman, 1910: 221 [stem: *Eletic*-.] Type genus: *Eletica* Dejean, 1834.

Subtribe EOSPASTINA Selander, 1966

EOSPASTINA Selander, 1966: 474 [stem: *Eospast*-.] Type genus: *Eospasta* Selander, 1966.

Tribe ERTLIANINI Selander, 1966

ERTLIINI Kaszab, 1959: 71 [stem: *Ertli*-.] Type genus: *Ertlia* Borchmann, 1942 [preoccupied genus name, not *Ertlia* Aurivillius, 1907 [Coleoptera: CERAMBYCIDAE]; syn. of *Morphozonitis* Pic, 1922]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ERTLIANINA Selander, 1966: 478 [stem: *Ertlian*-.] Type genus: *Ertliana* Selander, 1964 [syn. of *Morphozonitis* Pic, 1922]. Comment: replacement name for ERTLIINI Kaszab, 1959 because of the homonymy of the type genus; although Selander (1991: 78) used MORPHOZONITINA Kaszab, 1969 as the valid name for this taxon (because of the synonymy of *Ertliana* Selander with *Morphozonitis* Pic) the Principle of Priority applies here and therefore the oldest available family-group name ERTLIANINI should be used as valid instead.

MORPHOZONITINI Kaszab, 1969: 242 [stem: *Morphozonitid*-.] Type genus: *Morphozonitis* Pic, 1922. Comment: replacement name for ERTLIINI Kaszab, 1959 because of the homonymy of the type genus and ERTLIANINA Selander, 1966 because of the synonymy of the type genus; incorrect original stem formation, not in prevailing usage.

Tribe SPASTICINI Kaszab, 1959

SPASTICINA Kaszab, 1959: 72 [stem: *Spastic*-.] Type genus: *Spastica* Lacordaire, 1859.

Subtribe ANTHICOXENINA Selander, 1966

ANTHICOXENINA Selander, 1966: 470 [stem: *Anthicoxen-*]. Type genus: *Anthicoxenus* Fairmaire and Germain, 1860.

Subtribe PROTOMELOINA Abdullah, 1965

PROTOMELOINI M. Abdullah, 1965b: 43 [stem: *Protomelo-*]. Type genus: *Protomeloe* M. Abdullah, 1965.

Subtribe SPASTICINA Kaszab, 1959

SPASTICINA Kaszab, 1959: 72 [stem: *Spastic-*]. Type genus: *Spastica* Lacordaire, 1859.

Subtribe XENOSPASTINA Selander, 1966

XENOSPASTINA Selander, 1966: 460, in key [stem: *Xenospast-*]. Type genus: *Xenospasta* Selander, 1966.

Subfamily MELOINAE Gyllenhal, 1810

MELOOIDES Gyllenhal, 1810: 481 [stem: *Melo-*]. Type genus: *Meloe* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)].

Tribe CEROCOMINI Leach, 1815

CEROCOMATIDA Leach, 1815: 105 [stem: *Cerocom-*]. Type genus: *Cerocomma* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe EPICAUTINI Parker and Böving, 1924

MACROBASES J. L. LeConte, 1862: 272 [stem: *Macrobase-*]. Type genus: *Macrobasis* J. L. LeConte, 1862 [subgenus of *Epicauta* Dejean, 1834]. Comment: incorrect original stem formation, not in prevailing usage.

APTEROSPASTIDES Wellman, 1910: 221 [stem: *Apterospast-*]. Type genus: *Apterospasta* J. L. LeConte, 1862 [syn. of *Macrobasis* J. L. LeConte, 1862].

EPICAUTINI Parker and Böving, 1924: 25 [stem: *Epicaut-*]. Type genus: *Epicauta* Dejean, 1834. Comment: family-group name previously attributed to Denier (1935); this name is threatened by the two older names MACROBASEINI J. L. LeConte, 1862 and APTEROSPASTINI Wellman, 1910; to maintain nomenclatural stability, we believe that an application should be submitted to the Commission to conserve usage of the well-established name EPICAUTINI.

*HENOINI Böving and Craighead, 1931: 79 [stem: *Heno-*]. Type genus: *Henous* Haldeman, 1852 [syn. of *Epicauta* Dejean, 1834]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe EUPOMPHINI LeConte, 1862

EUPOMPHAE J. L. LeConte, 1862: 274 [stem: *Eupomph-*]. Type genus: *Eupompha* J. L. LeConte, 1858. Comment: First Reviser found (EUPOMPHINI J. L. LeConte, 1862 vs PHODAGINI J. L. LeConte, 1862) is Selander (1991: 78, as EUPOMPHINA).

PHODAGAE J. L. LeConte, 1862: 274 [stem: *Phodag-*]. Type genus: *Phodaga* J. L. LeConte, 1858.

CALOSPASTIDES Wellman, 1910: 221 [stem: *Calospast-*]. Type genus: *Calospasta* J. L. LeConte, 1862 [syn. of *Eupompha* J. L. LeConte, 1858].

GYNAECOMELODIDES Wellman, 1910: 221 [stem: *Gynaecomelo-*]. Type genus: *Gynaecomeloe* Wellman, 1910 [syn. of *Cordylospasta* G. H. Horn, 1875]. Comment: incorrect original stem formation, not in prevailing usage.

CORDYLOSPASTIDES Wellman, 1910: 221 [stem: *Cordylospast-*]. Type genus: *Cordylospasta* G. H. Horn, 1875.

CYSTEODEMIDES Wellman, 1910: 221 [stem: *Cysteodem-*]. Type genus: *Cysteodemus* J. L. LeConte, 1851.

TEGRODERINI L. S. Dillon, 1952: 373 [stem: *Tegroder-*]. Type genus: *Tegrodera* J. L. LeConte, 1851.

MEGETRINA Kaszab, 1959: 80 [stem: *Megetr-*]. Type genus: *Megetra* J. L. LeConte, 1859.

Tribe LYTTINI Solier, 1851

CANTHARIDIAE Latreille, 1802: 185 [stem: *Canthar-*]. Type genus: *Cantharis* sensu Latreille, 1802 [not *Cantharis* Linnaeus, 1758; syn. of *Lytta* Fabricius, 1775]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see CANTHARIDAE Imhoff, 1856.

*LYTTES Motschulsky, 1849: 59 [stem: *Lytt-*]. Type genus: *Lytta* Fabricius, 1775. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Motschulsky (1849).

LYTTOIDES Solier, 1851: 278 [stem: *Lytt-*]. Type genus: *Lytta* Fabricius, 1775. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Gistel (1856a: 385, as LYTADAE [incorrect stem formation]), generally accepted as in Selander (1991: 78, as LYTINA); although this is not the oldest name for the tribe, we recommend that an application be submitted to the Commission to suppress CANTHARINI Latreille, 1802 because it is based on a misidentified type genus (Art. 65.2.1).

*ALOSIMATES Mulsant, 1857: 358 [stem: *Alosim-*]. Type genus: *Alosimus* Mulsant, 1857. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form, e.g., Selander (1991: 65, as ALOSIMINA), but not generally accepted as valid; Selander's name is also unavailable, it was pro-

posed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*LYDINI Wellman, 1908: 424 [stem: *Lyd-*]. Type genus: *Lydus* Dejean, 1821. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; Wellman correctly pointed out that the family-group for a taxon based on *Lydus* should be LYDINI, however he did not want to use this family-group name since the name LYDIDAE Newman, 1834 (type genus *Lyda* Fabricius, 1805) is available for a group of Hymenoptera: Symphyta.

SYBARIDES Wellman, 1910: 221 [stem: *Sybare-*]. Type genus: *Sybaris* Stephens, 1832. Comment: incorrect original stem formation, not in prevailing usage.

LYDINA Kaszab, 1959: 82 [stem: *Lyd-*]. Type genus: *Lydus* Dejean, 1821. Comment: Kaszab proposed the subtribe name LYDINA without reference to the comment by Wellman (1908) and his family-group name has been used as valid in MELOIDAE since (e.g., Turco et al. 2006); the name LYDIDAE Newman, 1834 (type genus *Lyda* Fabricius, 1805) is available for a group of Hymenoptera: Symphyta; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PROLYTTINI Selander, 1960: 25 [stem: *Prolytt-*]. Type genus: *Prolytta* Kaszab, 1959.

Tribe MELOINI Gyllenhal, 1810

MELOIDES Gyllenhal, 1810: 481 [stem: *Melo-*]. Type genus: *Meloe* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)].

PROSCARABAEIDAE Gistel, 1848: [11] [stem: *Proscarabae-*]. Type genus: *Proscarabaeus* Schrank, 1781 [syn. of *Meloe* Linnaeus, 1758].

Tribe MYLABRINI Rafinesque, 1815

MYLABRIA Rafinesque, 1815: 114 [stem: *Mylabr-*]. Type genus: *Mylabris* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1995a)]. Comment: family-group name previously attributed to Billberg (1820a); Brullé (1832: 190) uses the family-group name "CORYNITES" for a group containing the genera *Sarrotrium* Illiger, 1798, *Orthocerus* Latreille, 1797, *Chiroscelis* Lamarck, 1804, *Toxicum* Latreille, 1802 and *Boros* Herbst, 1797, although Brullé could have based his family-group name on *Coryna* Billberg, 1813 (which is a junior homonym and a synonym of *Hycleus* Latreille, 1817 in MYLABRINI) we cannot be sure and therefore we have not considered this a separate family-group name.

ZONABRINI Wellman, 1908: 424 [stem: *Zonabr-*]. Type genus: *Zonabris* Harold, 1879 [syn. of *Mylabris* Fabricius, 1775].

CALYDINA Kaszab, 1960: 126 [stem: *Calyd-*]. Type genus: *Calydus* Reitter, 1896.

Tribe PYROTINI MacSwain, 1956

PYROTINI MacSwain, 1956: 67 [stem: *Pyrot-*]. Type genus: *Pyrota* Dejean, 1834.

Subfamily TETRAONYCINAE Böving and Craighead, 1931

TETRAONYCIDAE Böving and Craighead, 1931: 59, in key [stem: *Tetraonyc-*]. Type genus: *Tetraonyx* Latreille, 1809. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Tetraonych-*).

MELOETYPHLINI Borgmeier, 1937: 248 [stem: *Meloetyphl-*]. Type genus: *Meloetypplus* C. O. Waterhouse, 1872.

Subfamily NEMOGNATHINAE Laporte, 1840

NEMOGNATHITES Laporte, 1840b: 280 [stem: *Nemognath-*]. Type genus: *Nemognatha* Illiger, 1807 [as *Nemognathus*, unjustified emendation of type genus name by Latreille (1829b), not in prevailing usage; *Nemognatha* Illiger, 1807 placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: NEMOGNATHINAE Laporte, 1840 placed on the Official List of Family-Group Names in Zoology and given precedence over HORIINAE Latreille, 1802 (ICZN 1999c).

Tribe HORIINI Latreille, 1802

HORIALES Latreille, 1802: 182 [stem: *Hori-*]. Type genus: *Horia* Fabricius, 1787 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: HORIIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1999c); MELOIDAE Gyllenhal, 1810 and NEMOGNATHINAE Laporte, 1840 given precedence over this name (ICZN 1999c).

CISSITINI Kaszab, 1966: 187 [stem: *Cissit-*]. Type genus: *Cissites* Latreille, 1804. Comment: we accept the character about parameres given by Kaszab (1966: 187) to characterize this tribe as sufficient to fulfill the requirements of Art. 13.1; Selander (1991: 66) treated this name as unavailable.

Tribe NEMOGNATHINI Laporte, 1840

NEMOGNATHITES Laporte, 1840b: 280 [stem: *Nemognath-*]. Type genus: *Nemognatha* Illiger, 1807 [as *Nemognathus*, unjustified emendation of type genus name by Latreille (1829b), not in prevailing usage; *Nemognatha* Illiger, 1807 placed on the Official List of Generic Names in Zoology (ICZN 1999c)].

Subtribe NEMOGNATHINA Laporte, 1840

NEMOGNATHITES Laporte, 1840b: 280 [stem: *Nemognath-*]. Type genus: *Nemognatha* Illiger, 1807 [as *Nemognathus*, unjustified emendation of type genus name by Latreille (1829b), not in prevailing usage; *Nemognatha* Illiger, 1807 placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1862: 270, as NEMOGNATHINI), generally accepted as in Hansen (1996: 176, as NEMOGNATHINAE).

HORNII Dugès, 1889: 213 [stem: *Horni-*]. Type genus: *Hornia* Riley, 1877.

TRICRANIIDES Wellman, 1910: 222 [stem: *Tricrani-*]. Type genus: *Tricrania* J. L. LeConte, 1860.

Subtribe ZONITIDINA Mulsant, 1857

*ZONITES Motschulsky, 1849: 59 [stem: *Zonitid-*]. Type genus: *Zonitis* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Motschulsky (1849); incorrect original stem formation, not in prevailing usage.

ZONITAIRES Mulsant, 1857: 322 [stem: *Zonitid-*]. Type genus: *Zonitis* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1999c)]. Comment: incorrect original stem formation, not in prevailing usage; ZONITIDINAE Mulsant, 1857 placed on the Official List of Family-Group Names in Zoology (ICZN 1999c); this family-group name is a senior homonym of ZONITIDAE Mörch, 1864 in Mollusca (based on *Zonites* Montfort, 1810) which is used as valid in recent literature (see Bologna and Pinto 1997); stem of family-group name changed to *Zonitid-* by the Commission (ICZN 1999c) to remove from homonymy with Mörch's name.

*LEPTOPALPINA Kaszab, 1959: 102, Fig. 97 [stem: *Leptopalp-*]. Type genus: *Leptopalpus* Guérin-Ménéville, 1834. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LEPTOPALPINA Kaszab, 1963: 138 [stem: *Leptopalp-*]. Type genus: *Leptopalpus* Guérin-Ménéville, 1834.

*PALAESTRINA Kaszab, 1969: 244 [stem: *Palaestr-*]. Type genus: *Palaestra* Laporte, 1840. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subtribe SITARINA Mulsant, 1857

*APALES Motschulsky, 1849: 59 [stem: *Apal-*]. Type genus: *Apalus* Fabricius, 1775. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Motschulsky (1849).

SITARATES Mulsant, 1857: 393 [stem: *Sitar-*]. Type genus: *Sitaris* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Dugès (1886: 580, as SITARINI), generally accepted as in Selander (1991: 79, as SITARINA).

APALIDES Parker and Böving, 1924: 33 [stem: *Apal-*]. Type genus: *Apalus* Fabricius, 1775.

STENORIIDES Parker and Böving, 1924: 32 [stem: *Stenori-*]. Type genus: *Stenoria* Mulsant, 1857.

Tribe STENODERINI Selander, 1991

*STENODERINI Selander, 1964: 1057 [stem: *Stenoder-*]. Type genus: *Stenodera* Eschscholtz, 1818. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

STENODERINI Selander, 1991: 77 [stem: *Stenoder-*]. Type genus: *Stenodera* Eschscholtz, 1818. Comment: junior homonym of STENODERINI Pascoe, 1867 (type genus *Stenoderus* Dejean, 1821) currently used as valid in CERAMBYCIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Family MYCTERIDAE Oken, 1843

MYCTERIDEN Oken, 1843: 484 [stem: *Mycter-*]. Type genus: *Mycterus* Clairville, 1798.

Subfamily MYCTERINAE Oken, 1843

RHINOMACERIDAE Fleming, 1821: 50 [stem: *Rhinomacr-*]. Type genus: *Rhinomacer* Fabricius, 1781 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 2005c); syn. of *Mycterus* Clairville, 1798]. Comment: permanently invalid (Art. 39): based on suppressed type genus; incorrect original stem formation, not in prevailing usage.

MYCTERIDEN Oken, 1843: 484 [stem: *Mycter-*]. Type genus: *Mycterus* Clairville, 1798. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Tulk (1847: 614, as MYCTERIDAE); name previously attributed to Blanchard (1845b: 97).

ARTAXIDAE Gistel, 1848: [8] [stem: *Artax-*]. Type genus: *Artaxus* Gistel, 1848 [syn. of *Mycterus* Clairville, 1798].

Subfamily EURYPINAE Thomson, 1860

EURYPITAE J. Thomson, 1860b: 63 [stem: *Euryp-*]. Type genus: *Eurypus* Kirby, 1819. Comment: the correct stem based on the type genus *Eurypus* is *Eurypod-*, however, we prefer to conserve the incorrect original stem formation for this name (Art. 29.5) to avoid homonymy with EURYPODINI Gahan, 1906 (type genus *Eurypoda* W. Saunders, 1853) currently used as valid in CERAMBYCIDAE.

LACCONOTINI J. L. LeConte, 1862: 254 [stem: *Lacconot-*]. Type genus: *Lacconotus* J. L. LeConte, 1862.

BATOBIINA Seidlitz, 1917a: 88 [stem: *Batobi-*]. Type genus: *Batobius* Fairmaire and Germar, 1863.

THISIINA Seidlitz, 1917a: 91 [stem: *Thisi-*]. Type genus: *Thisias* Champion, 1889.

*STILPNONOTINAE Blackwelder, 1945: 503 [stem: *Stilpnnot-*]. Type genus: *Stilpnnotus* Gray, 1832. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Subfamily HEMIPELIDAE Lacordaire, 1854

HÉMIPELIDAE Lacordaire, 1854b: 404 [stem: *Hemipepl-*]. Type genus: *Hemipeplus* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1861: 96, as HEMIPELIDAE), generally accepted as in Pollock (2002: 532, as HEMIPELIDAE).

Family BORIDAE Thomson, 1859

BORIDAE C. G. Thomson, 1859: 117 [stem: *Bor-*]. Type genus: *Boros* Herbst, 1797.

Subfamily BORINAE Thomson, 1859

BORIDAE C. G. Thomson, 1859: 117 [stem: *Bor-*]. Type genus: *Boros* Herbst, 1797.

Subfamily SYNERCTICINAE Lawrence and Pollock, 1994

SYNERCTICINAE Lawrence and Pollock, 1994: 36, in key [stem: *Synerctic-*]. Type genus: *Synercticus* Newman, 1842.

Family TRICTENOTOMIDAE Blanchard, 1845

TRICTENOTOMIDAE Blanchard, 1845b: 137 [stem: *Trictenotom-*]. Type genus: *Trictenotoma* Gray, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by F. Smith (1851: 18, as TRICTENOTOMIDAE), generally accepted as in Lawrence and Newton (1995: 897, as TRICTENOTOMIDAE).

Family PYTHIDAE Solier, 1834

PYTHITES Solier, 1834: 496 [stem: *Pyth-*]. Type genus: *Pytho* Latreille, 1797. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. G. Thomson (1859: 123, as PYTHONIDAE [incorrect stem formation]), generally accepted as in Hansen (1996: 176, as PYTHIDAE).

ENOPTISIDAE Gistel, 1848: [11] [stem: *Enopt-*]. Type genus: *Enoptes* Gistel, 1848 [syn. of *Pytho* Latreille, 1797]. Comment: incorrect original stem formation, not in prevailing usage.

ISCHYOMIIDES Champion, 1886: 258 [stem: *Ischyomi-*]. Type genus: *Ischyomius* Chevrolat, 1878.

OSPHYOPLESIIINI Reitter, 1917: 59, in key [stem: *Osphyoplesi-*]. Type genus: *Osphyoplesius* A. Winkler, 1915.

ANAPLOPINAE M. Abdullah, 1966: 147 [stem: *Anaplopod-*]. Type genus: *Anaplopus* Blackburn, 1890. Comment: incorrect original stem formation, not in prevailing usage.

Family PYROCHROIDAE Latreille, 1806

PYROCHROIDES Latreille, 1806: 199 [stem: *Pyrochro-*]. Type genus: *Pyrochroa* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subfamily TYDESSINAE Nikitsky, 1986

TYDESSINI Nikitsky, 1986: 1188 [stem: *Tydess-*]. Type genus: *Tydessia* Peacock, 1982.

Subfamily PILIPALPINAE Abdullah, 1964

PILIPALPINI M. Abdullah, 1964: 4 [stem: *Pilipalp-*]. Type genus: *Pilipalpus* Fairmaire, 1876.
TECHMESSINAE Paulus, 1972b: 84, in key [stem: *Techmess-*]. Type genus: *Techmessa* F. Bates, 1874.

Subfamily PEDILINAE Lacordaire, 1859

PÉDILIDES Lacordaire, 1859: 574 [stem: *Pedil-*]. Type genus: *Pedilus* Fischer von Waldheim, 1820. Comment: published before 27 June 1859; original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1859a [December]: 46, as PEDILIDAE), generally accepted as in Lawrence and Newton (1995: 898, as PEDILINAE).
NEOPEDILINI M. Abdullah, 1969a: 354 [stem: *Neopedil-*]. Type genus: *Neopedilus* M. Abdullah, 1969 [syn. of *Pedilus* Fischer von Waldheim, 1820].

Subfamily PYROCHROINAE Latreille, 1806

PYROCHROIDES Latreille, 1806: 199 [stem: *Pyrochro-*]. Type genus: *Pyrochroa* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].
ANTHOMANISIDAE Gistel, 1848: [11] [stem: *Anthoman-*]. Type genus: *Anthomanes* Gistel, 1848 [syn. of *Pyrochroa* Geoffroy, 1762]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily AGNATHINAE Lacordaire, 1859

AGNATHIDES Lacordaire, 1859: 531 [stem: *Agnath-*]. Type genus: *Agnathus* Germar, 1818. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 100, as AGNATHINI), generally accepted as in Young (2002: 542, as AGNATHINAE).
CONONOTINI J. L. LeConte, 1862: 256 [stem: *Cononot-*]. Type genus: *Cononotus* J. L. LeConte, 1851.

Family SALPINGIDAE Leach, 1815

SALPINGIDES Leach, 1815: 106 [stem: *Salping-*]. Type genus: *Salpingus* Illiger, 1802.

Subfamily OTHNIINAE LeConte, 1861

OTHNIIDAE J. L. LeConte, 1861: 102 [stem: *Othni-*]. Type genus: *Othnius* J. L. LeConte, 1861 [syn. of *Elacatis* Pascoe, 1860].
ELACATIDAE Cockerell, 1906: 242 [stem: *Elacat-*]. Type genus: *Elacatis* Pascoe, 1860. Comment: junior homonym of ELACATINAE Gill, 1861 (type genus *Elacate* Cuvier, 1831) proposed in Pisces; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Subfamily PROSTOMINIINAE Grouvelle, 1914

PROSTOMININI Grouvelle, 1914: 152 [stem: *Prostomini-*]. Type genus: *Prostominia* Reitter, 1889. Comment: incorrect original stem formation, not in prevailing usage.

*TROGOCRYPTINAE Crowson, 1953: 51 [stem: *Trogocrypt-*]. Type genus: *Trogocryptus* Sharp, 1900. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); this name has been used subsequently, e.g., Lawrence (1977: 43, 1980: 307), Lawrence and Newton (1995: 900), but it has not been made available.

Subfamily AGLENINAE Horn, 1878

AGLENI G. H. Horn, 1878: 573 [stem: *Aglen-*]. Type genus: *Aglenus* Erichson, 1845.

Subfamily INOPELINAE Grouvelle, 1908

INOPEPLINI Grouvelle, 1908: 459, in key [stem: *Inopepl-*]. Type genus: *Inopeplus* F. Smith, 1851.

Subfamily DACODERINAE LeConte, 1862

DACODERINI J. L. LeConte, 1862: 216 [stem: *Dacoder-*]. Type genus: *Dacoderus* J. L. LeConte, 1858.

TRETOTHORACIDAE Lea, 1910: 210 [stem: *Tretothorac-*]. Type genus: *Tretothorax* Lea, 1910.

Subfamily AEGIALITINAE LeConte, 1862

AEGIALITIDAE J. L. LeConte, 1862: 241 [stem: *Aegialit-*]. Type genus: *Aegialites* Mannerheim, 1853.

EURYSTETHIDAE Seidlitz, 1916: 127 [stem: *Eurysteth-*]. Type genus: *Eurystethes* Seidlitz, 1916 [syn. of *Aegialites* Mannerheim, 1853].

Subfamily SALPINGINAE Leach, 1815

SALPINGIDES Leach, 1815: 106 [stem: *Salping-*]. Type genus: *Salpingus* Illiger, 1802.

*RHINOSIMITES Solier, 1834: 496 [stem: *Rhinosim-*]. Type genus: *Rhinosimus* Latreille, 1802. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Solier (1834).

RHINOSIMIDAE Hope, 1840a: 134 [stem: *Rhinosim-*]. Type genus: *Rhinosimus* Latreille, 1802.

LISSODEMINA Seidlitz, 1917b: 422 [stem: *Lissodem-*]. Type genus: *Lissodema* Curtis, 1833.

ISTRISIINI Nikitsky, 1992: 483, in key [stem: *Istrisi-*]. Type genus: *Istrisia* Lewis, 1895.

Family ANTHICIDAE Latreille, 1819

ANTHICITES Latreille, 1819: 363 [stem: *Anthic-*]. Type genus: *Anthicus* Paykull, 1798.

Subfamily EURYGENIINAE LeConte, 1862

EURYGENII J. L. LeConte, 1862: 264 [stem: *Eurygeni-*]. Type genus: *Eurygenius* LaFerté-Sénectère, 1849.

Tribe EURYGENIINI LeConte, 1862

EURYGENII J. L. LeConte, 1862: 264 [stem: *Eurygeni*-.] Type genus: *Eurygenius* LaFerté-Sénectère, 1849.

Tribe ICTISTYGNINI Borchmann, 1936

ICTISTYGNINAE Borchmann, 1936: 534 [stem: *Ictistygn*-.] Type genus: *Ictistygna* Pascoe, 1866.

Tribe MITRAELABRINI Abdullah, 1969

MITRAELABRINI M. Abdullah, 1969a: 350 [stem: *Mitraelabr*-.] Type genus: *Mitraelabrus* Solier, 1851.

Subfamily MACRATRIINAE LeConte, 1862

MACRATRIINI J. L. LeConte, 1862: 265 [stem: *Macratri*-.] Type genus: *Macratria* Newman, 1838.

Tribe MACRATRIINI LeConte, 1862

MACRATRIINI J. L. LeConte, 1862: 265 [stem: *Macratri*-.] Type genus: *Macratria* Newman, 1838.

†Tribe CAMELOMORPHINI Kirejtshuk and Azar, 2008

CAMELOMORPHINI Kirejtshuk and Azar, 2008: 40 [stem: *Camelomorph*-.] Type genus: *Camelomorpha* Kirejtshuk and Azar, 2008.

Subfamily STEROPINAE Jacquelin du Val, 1863

STÉROPITES Jacquelin du Val, 1863: 365 [stem: *Sterop*-.] Type genus: *Steropes* Steven, 1806. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jakobson (1915: 1022, as STEROPINA), generally accepted as in Lawrence and Newton (1995: 901, as STEROPINAE); the older name STEROPINAE Dana, 1854 is available in copepods (type genus *Sterope* Goodsir, 1845) although it was recently treated as a *nomen oblitum* by Huys (2009: 28); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Subfamily COPOBAENINAE Abdullah, 1969

COPOBAENINAE M. Abdullah, 1969a: 334 [stem: *Copobaen*-.] Type genus: *Copobaenus* Fairmaire and Germain, 1863.

Subfamily LEMODINAE Lawrence and Britton, 1991

*LEMODINAE Lawrence, 1977: 43 [stem: *Lemod*-.] Type genus: *Lemodes* Boheman, 1858. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LEMODINAE Lawrence and Britton, 1991: 603, in key [stem: *Lemod*-.] Type genus: *Lemodes* Boheman, 1858.

Subfamily TOMODERINAE Bonadona, 1961

TOMODERINI Bonadona, 1961: 11 [stem: *Tomoder-*]. Type genus: *Tomoderus* LaFerté-Sénectère, 1849.

Subfamily ANTHICINAE Latreille, 1819

ANTHICITES Latreille, 1819: 363 [stem: *Anthic-*]. Type genus: *Anthicus* Paykull, 1798.

Tribe ANTHICINI Latreille, 1819

ANTHICITES Latreille, 1819: 363 [stem: *Anthic-*]. Type genus: *Anthicus* Paykull, 1798.

Tribe ENDOMIINI Kaszab, 1956

ENDOMIINI Kaszab, 1956: 45, in key [stem: *Endomi-*]. Type genus: *Endomia* Laporte, 1840.

Tribe FORMICOMINI Bonadona, 1974

FORMICOMINI Bonadona, 1974: 110, in key [stem: *Formicom-*]. Type genus: *Formicomus* LaFerté-Sénectère, 1849.

Tribe MICROHORIINI Bonadona, 1974

MICROHORINI Bonadona, 1974: 110, in key [stem: *Microhori-*]. Type genus: *Microhoria* Chevrolat, 1877. Comment: incorrect original stem formation, not in prevailing usage.

LIPARODERINI Bonadona, 1990: 20 [stem: *Liparoder-*]. Type genus: *Liparoderus* LaFerté-Sénectère, 1849.

Subfamily NOTOXINAE Stephens, 1829

NOTOXIDAE Stephens, 1829b: 254 [stem: *Notox-*]. Type genus: *Notoxus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: an application needs to be submitted to the Commission to suppress NOTOXII Sturm, 1826 (based on the misidentified type genus *Notoxus* sensu Fabricius, 1775) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

Family ADERIDAE Csiki, 1909

ADERIDAE Csiki, 1909a: 6 [stem: *Ader-*]. Type genus: *Aderus* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)]. Comment: name given precedence over EUGLENESIDAE Seidlitz, 1875 (ICZN 1989e).

†CIRCAEIDAE Iablokoff-Khnzorian, 1961: 209 [stem: *Circae-*]. Type genus: *Circaeus* Iablokoff-Khnzorian, 1961.

Tribe ADERINI Csiki, 1909

ADERIDAE Csiki, 1909a: 6 [stem: *Ader-*]. Type genus: *Aderus* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)].

Comment: name given precedence over EUGLENESIDAE Seidlitz, 1875 and placed on the Official List of Family-Group Names in Zoology (ICZN 1989e, as ADERIDAE A. Winkler (1927)).

Subtribe ADERINA Csiki, 1909

XYLOPHILIDAE Shuckard, 1839b: 47 [stem: *Xylophil-*]. Type genus: *Xylophilus* Latreille, 1825 [preoccupied genus name, not *Xylophilus* Mannerheim, 1823 [Coleoptera: EUCNEMIDAE]; syn. of *Aderus* Stephens, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

HYLOPHILIDAE Pic, 1900: 754 [stem: *Hylophil-*]. Type genus: *Hylophilus* Berthold, 1827 [preoccupied genus name, not *Hylophilus* Temminck, 1822 [Aves]; syn. of *Aderus* Stephens, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ADERIDAE Csiki, 1909a: 6 [stem: *Ader-*]. Type genus: *Aderus* Stephens, 1829 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1989e, as ADERIDAE A. Winkler (1927)).

Subtribe CNOPINA Báguena Corella, 1948

CNOPINA Báguena Corella, 1948: 57 [stem: *Cnop-*]. Type genus: *Cnopus* Champion, 1893.

Subtribe GOMPELIINA Bouchard, 2011

OLOTELINA Báguena Corella, 1948: 58 [stem: *Olotel-*]. Type genus: *Olotelus* Mulsant and Rey, 1866 [preoccupied genus name, not *Olotelus* Solier, 1851 [Coleoptera: ELATERIDAE]; syn. of *Gompelia* Alonso-Zarazaga, 2010]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

GOMPELIINA Bouchard, 2011 **nom. nov.** [stem: *Gompeli-*]. Type genus: *Gompelia* Alonso-Zarazaga, 2010. Comment: replacement name for OLOTELINA Báguena Corella, 1948 because of the homonymy of the type genus.

Subtribe SYZETONININA Báguena Corella, 1948

SYZETONININI Báguena Corella, 1948: 41 [stem: *Syzetonin-*]. Type genus: *Syzetoninus* Blackburn, 1891.

Tribe EMELININI Báguena Corella, 1948

EMELININI Báguena Corella, 1948: 36 [stem: *Emelin-*]. Type genus: *Emelinus* Casey, 1895.

Tribe EUGLENESINI Seidlitz, 1875

EUGLENINI Seidlitz, 1875 [Gatt.]: 106 [stem: *Euglenes-*]. Type genus: *Euglenes* Westwood, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)].

Subtribe EUGLENESINA Seidlitz, 1875

EUGLENINI Seidlitz, 1875 [Gatt.]: 106 [stem: *Euglenes*-.]. Type genus: *Euglenes* Westwood, 1830 [placed on the Official List of Generic Names in Zoology (ICZN 1989e)]. Comment: the younger name ADERIDAE Csiki, 1909 (listed as ADERIDAE A. Winkler, 1927) was given precedence for the family name, *Euglenes*- was ruled to be the correct stem of this family-group name and EUGLENESIDAE Seidlitz, 1875 was placed on the Official List of Family-Group Names in Zoology (ICZN 1989e); EUGLENIDAE Seidlitz, 1875 was placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1989e).

Subtribe PSEUDOLOTELINA Báguena Corella, 1948

PSEUDOLOTELINA Báguena Corella, 1948: 40 [stem: *Pseudolotel*-.]. Type genus: *Pseudolotelus* Pic, 1901.

Tribe PHYTOBAENINI Báguena Corella, 1948

PHYTOBAENINI Báguena Corella, 1948: 30 [stem: *Phytobaen*-.]. Type genus: *Phytobaenus* Sahlberg, 1834.

Family SCRAPTIIDAE Gistel, 1848

SCRAPTIAEIDAE Gistel, 1848: [11] [stem: *Scrapti*-.]. Type genus: *Scraptia* Latreille, 1807.

Subfamily SCRAPTIINAE Gistel, 1848

SCRAPTIAEIDAE Gistel, 1848: [11] [stem: *Scrapti*-.]. Type genus: *Scraptia* Latreille, 1807. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ALLOPODINI Franciscolo, 1964

ALLOPODINI Franciscolo, 1964: 176 [stem: *Allopod*-.]. Type genus: *Allopoda* J. L. LeConte, 1866.

Tribe SCRAPTIINI Gistel, 1848

SCRAPTIAEIDAE Gistel, 1848: [11] [stem: *Scrapti*-.]. Type genus: *Scraptia* Latreille, 1807. Comment: family-group name previously attributed to Mulsant (1856)/Gistel (1856); incorrect original stem formation, not in prevailing usage.

Subfamily ANASPIDINAE Mulsant, 1856

ANASPIENS Mulsant, 1856c: 85 [stem: *Anaspid*-.]. Type genus: *Anaspis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)].

Tribe ANASPIDINI Mulsant, 1856

ANASPIENS Mulsant, 1856c: 85 [stem: *Anaspid*-.]. Type genus: *Anaspis* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: original vernacular name available (Art. 11.7.2): first used

in latinized form by C. G. Thomson (1859: 121, as ANASPINA [incorrect stem formation]), generally accepted as in Lawrence and Newton (1995: 903, as ANASPIDINAE); incorrect original stem formation, not in prevailing usage.

Tribe ANASPIMORDINI Franciscolo, 1954

ANASPIMORDINI Franciscolo, 1954: 65, in key [stem: *Anaspermord-*]. Type genus: *Anaspermorda* Ermisch, 1950.

Tribe MENUTHIANASPIDINI Franciscolo, 1972

*CYRTOSCRAPTIINI Franciscolo, 1964: 176 [stem: *Cyrtoscripti-*]. Type genus: *Cyrtoscriptia* Franciscolo, 1964 [unavailable genus name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); syn. of *Menuthianaspis* Franciscolo, 1972]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), based on unavailable type genus (Art. 12.2.4).

MENUTHIANASPIDINI Franciscolo, 1972: 123 [stem: *Menuthianaspid-*]. Type genus: *Menuthianaspis* Franciscolo, 1972.

Tribe PENTARIINI Franciscolo, 1954

PENTARIINI Franciscolo, 1954: 64, in key [stem: *Pentari-*]. Type genus: *Pentaria* Mulsant, 1856.

Subfamily LAGRIODINAE Abdullah and Abdullah, 1968

LAGRIODINI M. Abdullah and A. Abdullah, 1968: 73 [stem: *Lagrioid-*]. Type genus: *Lagrioida* Fairmaire and Germain, 1860.

Subfamily AFREMINAE Levey, 1985

AFREMINAE Levey, 1985: 420 [stem: *Afrem-*]. Type genus: *Afremus* Levey, 1985.

Subfamily ISCHALIINAE Blair, 1920

ISCHALIINAE Blair, 1920: 134 [stem: *Ischali-*]. Type genus: *Ischalia* Pascoe, 1860.

Superfamily CHRYSOMELOIDEA Latreille, 1802

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)]. Comment: Švácha and Danilevsky (1987: 17) recognized VESPERINAE, OXYPELTINAE and DISTENIINAE at the family level, and later Švácha et al. (1997: 361) placed ANOPLODERMATINAE and PHILINAE as subfamilies of VESPERIDAE; although the classification is based primarily on larval characters, it is also supported by adult features, as pointed out by Švácha et al. (1997), as well as by some earlier workers, e.g., Gahan (1906), Linsley (1961), Crowson (1981), Saito (1990); this classification will also be used in the upcoming volume 3 of the "Handbook of

Zoology: Coleoptera, beetles” series; First Reviser (CHRYSOMELOIDEA Latreille, 1802 vs MEGALOPODOIDEA Latreille, 1802 vs CERAMBYCOIDEA Latreille, 1802) not determined, current usage maintained.

Family OXYPELTIDAE Lacordaire, 1868

OXYPELTIDES Lacordaire, 1868: 461 [stem: *Oxypelt*-.] Type genus: *Oxypeltus* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 254, as OXYPELTINI).
 *CHELODERIDOS Germain, 1900: 86 [stem: *Cheloder*-.] Type genus: *Cheloderus* Gray, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

Family VESPERIDAE Mulsant, 1839

VESPÉRAIRES Mulsant, 1839: 214 [stem: *Vesper*-.] Type genus: *Vesperus* Dejean, 1821.

Subfamily PHILINAE Thomson, 1861

PHILITAE J. Thomson, 1861: 297 [stem: *Phil*-.] Type genus: *Philus* Saunders, 1853.

Subfamily VESPERINAE Mulsant, 1839

VESPÉRAIRES Mulsant, 1839: 214 [stem: *Vesper*-.] Type genus: *Vesperus* Dejean, 1821.
 Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 240, as VESPERINI), generally accepted as in Villiers (1978: 67, as VESPERINI).

Subfamily ANOPLODERMATINAE Guérin-Ménéville, 1840

ANOPLODERMIENS Guérin-Ménéville, 1840: 276 [stem: *Anoplodermat*-.] Type genus: *Anoploderma* Guérin-Ménéville, 1840.

Tribe ANOPLODERMATINI Guérin-Ménéville, 1840

ANOPLODERMIENS Guérin-Ménéville, 1840: 276 [stem: *Anoplodermat*-.] Type genus: *Anoploderma* Guérin-Ménéville, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 277, as ANOPLODERMITAE [incorrect stem formation]), generally accepted as in Monné (1994c: 9, as ANOPLODERMATINAE); incorrect original stem formation, not in prevailing usage.

CERROCRINIENAE Prosen, 1960: 90 [stem: *Cherrocri*-.] Type genus: *Cherrocrius* Berg, 1898.

Tribe HYPOCEPHALINI Blanchard, 1845

HYPOCÉPHALIENS Blanchard, 1845b: 135 [stem: *Hypocephal*-.] Type genus: *Hypocephalus* Desmarest, 1832. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by Imhoff (1856 [2]: 170, as HYPOCEPHALIDAE), generally accepted as in Lameere (1913: 94, as HYPOCEPHALI).

Tribe MYSTERIINI Prosen, 1960

MYSTERINAE Prosen, 1960: 90 [stem: *Mysteri*-]. Type genus: *Mysteria* J. Thomson, 1860. Comment: incorrect original stem formation, not in prevailing usage.

Family DISTENIIDAE Thomson, 1861

DISTENITAE J. Thomson, 1861: 181 [stem: *Disteni*-]. Type genus: *Distenia* Lepeletier and Audinet-Serville, 1828.

Tribe CYRTONOPINI Gressitt, 1940

CYRTONOPINI Gressitt, 1940: 27 [stem: *Cyrtonop*-]. Type genus: *Cyrtonops* A. White, 1853.

Tribe DISTENIINI Thomson, 1861

*COMÉTITES Blanchard, 1845b: 163 [stem: *Comet*-]. Type genus: *Cometes* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; Monné and Santos-Silva (2008: 261) considered this name a *nomen oblitum*, this action was unnecessary since COMÉTITES Blanchard is not an available name.

DISTENITAE J. Thomson, 1861: 181 [stem: *Disteni*-]. Type genus: *Distenia* Lepeletier and Audinet-Serville, 1828. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DYNAMOSTINI Lacordaire, 1868

DYNAMOSTIDES Lacordaire, 1868: 196 [stem: *Dynamost*-]. Type genus: *Dynamostes* Pascoe, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 238, as DYNAMOSTINI), generally accepted as in Santos-Silva and Martins (2004: 145, as DYNAMOSTINI).

Tribe HETEROPALPINI Villiers, 1961

HETEROPALPINI Villiers, 1961: 385, in key [stem: *Heteropalp*-]. Type genus: *Heteropalpus* Buquet, 1843.

Family CERAMBYCIDAE Latreille, 1802

CERAMBYCINI Latreille, 1802: 211 [stem: *Cerambyc*-]. Type genus: *Cerambyx* Linnaeus, 1758. Comment: First Reviser (CERAMBYCIDAE Latreille, 1802 vs PRIONIDAE Latreille, 1802 vs LEPTURIDAE Latreille, 1802) not determined, current usage maintained.

Subfamily PARANDRINAE Blanchard, 1845

PARANDRIDES Blanchard, 1845b: 134 [stem: *Parandr-*]. Type genus: *Parandra* Latreille, 1802.

Tribe ERICHSONIINI Thomson, 1861

ERICHSONITAE J. Thomson, 1861: 274 [stem: *Erichsoni-*]. Type genus: *Erichsonia* Westwood, 1849. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PARANDRINI Blanchard, 1845

PARANDRIDES Blanchard, 1845b: 134 [stem: *Parandr-*]. Type genus: *Parandra* Latreille, 1802. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [8], as PARANDRAEIDAE [incorrect stem formation]), generally accepted as in Lameere (1913: 4, as PARANDRAE).

Subfamily PRIONINAE Latreille, 1802

PRIONI Latreille, 1802: 212 [stem: *Prion-*]. Type genus: *Prionus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe ACANTHOPHORINI Thomson, 1864

ACANTHOPHORITAE J. Thomson, 1864: 289 [stem: *Acanthophor-*]. Type genus: *Acanthophorus* Audinet-Serville, 1832.

Tribe AEGOSOMATINI Thomson, 1861

AEGOSOMITAE J. Thomson, 1861: 308 [stem: *Aegosomat-*]. Type genus: *Aegosoma* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

*CATYPNIDES Lacordaire, 1868: 62 [stem: *Catypn-*]. Type genus: *Catypnes* Pascoe, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

JAMWONINAE Kolbe, 1897: 294 [stem: *Jamwon-*]. Type genus: *Jamwonus* Harold, 1879.

MEGOPIDES Lameere, 1912: 181 [stem: *Megopid-*]. Type genus: *Megopis* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ANACOLINI Thomson, 1857

ANACOLITES J. Thomson, 1857b: 10 [stem: *Anacol-*]. Type genus: *Anacolus* Berthold, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 302, as ANACOLITAE), generally accepted as in Galileo (1987: 482, as ANACOLINI).

*POECILOSOMIDES Lacordaire, 1868: 185 [stem: *Poecilosomat-*]. Type genus: *Poecilosoma* Audinet-Serville, 1832 [as *Poecilosoma*, unjustified emendation of

type genus name by Agassiz (1846b: 301), not in prevailing usage; unjustified emendation also junior homonym of *Poecilosoma* Hübner, 1819]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868); incorrect original stem formation, not in prevailing usage.

POECILOSMI H. W. Bates, 1869: 49 [stem: *Poekilosomat*-]. Type genus: *Poecilosoma* Audinet-Serville, 1832 [as *Poecilosoma*, unjustified emendation of type genus name by Agassiz (1846b: 301), not in prevailing usage; unjustified emendation also junior homonym of *Poecilosoma* Hübner, 1819]. Comment: incorrect original stem formation, not in prevailing usage.

ERYTHRAENINAE H. W. Bates, 1875: 52 [stem: *Erythraen*-]. Type genus: *Erythraenus* H. W. Bates, 1875.

*SOBARINES Lameere, 1901: 320 [stem: *Sobar*-]. Type genus: *Sobarus* Harold, 1879 [preoccupied genus name, not *Sobarus* Loew, 1855 [Diptera]; a replacement name is needed]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

*DÉLOCHILIENS Lameere, 1912: 57 [stem: *Delocheil*-]. Type genus: *Delocheilus* J. Thomson, 1860 [as *Delochilus*, unjustified emendation of type genus name by Gemminger (1872: 2777), not in prevailing usage]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

SOBARI Lameere, 1913: 85 [stem: *Sobar*-]. Type genus: *Sobarus* Harold, 1879 [preoccupied genus name, not *Sobarus* Loew, 1855 [Diptera]; a replacement name is needed]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

DELOCHILI Lameere, 1913: 85 [stem: *Delocheil*-]. Type genus: *Delocheilus* J. Thomson, 1860 [as *Delochilus*, unjustified emendation of type genus name by Gemminger and Harold (1872), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CACOSCELINI Thomson, 1861

*NOTOPHYSITES Blanchard, 1845b: 138 [stem: *Notophyse*-]. Type genus: *Notophysis* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b); incorrect original stem formation, not in prevailing usage.

CACOSCELITAE J. Thomson, 1861: 325 [stem: *Cacoscel*-]. Type genus: *Cacosceles* Newman, 1838.

COLPODÉRIDES Lacordaire, 1868: 133 [stem: *Colpoder*-]. Type genus: *Colpoderus* Audinet-Serville, 1832 [syn. of *Notophysis* Audinet-Serville, 1832]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1869b: 673, as COLPODERINAE); this name was incorrectly credited to Pascoe, 1869 by Bousquet et al. (2009: 115).

NOTOPHYSINI Lameere, 1903a: 4, in key [stem: *Notophyse*-]. Type genus: *Notophysis* Audinet-Serville, 1832 [as *Nothophysis*, unjustified emendation of type

genus name by Scudder (1882: 226), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CALLIPOGONINI Thomson, 1861

CALLIPOGONITAE J. Thomson, 1861: 323 [stem: *Callipogon*-.]. Type genus: *Callipogon* Audinet-Serville, 1832.

ANACANTHITAE J. Thomson, 1864: 285 [stem: *Anacanth*-.]. Type genus: *Anacanthus* Audinet-Serville, 1832 [preoccupied genus name, not *Anacanthus* Gray, 1831 [Pisces]; syn. of *Chorenta* Gistel, 1848]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ENOPLOCERITAE J. Thomson, 1864: 290 [stem: *Enoplocer*-.]. Type genus: *Enoplocerus* Audinet-Serville, 1832.

ORTHOMEGITAE J. Thomson, 1864: 294 [stem: *Orthomegal*-.]. Type genus: *Orthomegas* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

CTENOSCELITAE J. Thomson, 1864: 295 [stem: *Ctenoscelid*-.]. Type genus: *Ctenoscelis* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CALOCOMINI Galileo and Martins, 1993

CALOCOMINI Galileo and Martins, 1993: 81 [stem: *Calocom*-.]. Type genus: *Calocomus* Audinet-Serville, 1832.

Tribe CANTHAROCNEMINI Thomson, 1861

CANTHAROCNEMITAE J. Thomson, 1861: 274 [stem: *Cantharocnem*-.]. Type genus: *Cantharocnemis* Audinet-Serville, 1832. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Cantharocnemid*-).

*SCÉLEOCANTHIDES Lacordaire, 1868: 34 [stem: *Sceleocanth*-.]. Type genus: *Sceleocantha* Newman, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 236, as SCELEOCANTHINI), but not generally accepted as valid.

Tribe ERGATINI Fairmaire, 1864

ERGATITES Fairmaire, 1864: 117 [stem: *Ergat*-.]. Type genus: *Ergates* Audinet-Serville, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 286, as ERGATINI), generally accepted as in Linsley (1962: 24, as ERGATINI).

Tribe EURYPODINI Gahan, 1906 (1868)

ZARACIDES Lacordaire, 1868: 131 [stem: *Zarac*-.]. Type genus: *Zarax* Pascoe, 1867 [syn. of *Eurypoda* W. Saunders, 1853]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in

Pascoe (1869b: 672, as ZARACINAE); usage of the younger name EURYPODINI Gahan, 1906 conserved over this name (Art. 40.2).

EURYPODINI Gahan, 1906: 27 [stem: *Eurypod*-]. Type genus: *Eurypoda* W. Saunders, 1853. Comment: name proposed to replace ZARACINI Lacordaire, 1868 because of the synonymy of the type genus; use of family-group name conserved over ZARACINI Lacordaire, 1868 (Art. 40.2); also see comments under EURYPINAE Thomson, 1860 in MYCTERIDAE.

Tribe HOPLIDERINI Thomson, 1864

HOPLIDERITAE J. Thomson, 1864: 290 [stem: *Hoplider*-]. Type genus: *Hoplideres* Audinet-Serville, 1832.

Tribe MACRODONTIINI Thomson, 1861

MACRODONTITAE J. Thomson, 1861: 324 [stem: *Macrodon*-]. Type genus: *Macrodon* Lacordaire, 1830. Comment: incorrect original stem formation, not in prevailing usage.

ACANTHINODERITAE J. Thomson, 1864: 294 [stem: *Acanthinoder*-]. Type genus: *Acanthinodera* Hope, 1833.

*ANCISTROTIDES Lacordaire, 1868: 81 [stem: *Ancistrot*-]. Type genus: *Ancistrotus* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).

*ACALODEGMITES J. Thomson, 1877: 261 [stem: *Acalodegm*-]. Type genus: *Acalodegma* Thomson, 1877. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ANCISTROTINI Lameere, 1919: 90 [stem: *Ancistrot*-]. Type genus: *Ancistrotus* Audinet-Serville, 1832.

Tribe MACROTOMINI Thomson, 1861

MACROTOMITAE J. Thomson, 1861: 312 [stem: *Macrotom*-]. Type genus: *Macrotoma* Audinet-Serville, 1832.

Subtribe ARCHETYPINA Lameere, 1912

ARCHETYPINI Lameere, 1912: 180 [stem: *Archetyp*-]. Type genus: *Archetypus* J. Thomson, 1861.

Subtribe BASITOXINA Lameere, 1912

*MÉCOSARTHINES Lameere, 1903b: 307 [stem: *Mecosarthr*-]. Type genus: *Mecosarthron* Buquet, 1840. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

BASITOXINI Lameere, 1912: 180 [stem: *Basitox*-]. Type genus: *Basitoxus* Audinet-Serville, 1832.

MECOSARTHRIINI Melzer, 1919: 35 [stem: *Mecosarthr-*]. Type genus: *Mecosarthron* Buquet, 1840.

Subtribe MACROTOMINA Thomson, 1861

MACROTOMITAE J. Thomson, 1861: 312 [stem: *Macroto-*]. Type genus: *Macroto-*
toma Audinet-Serville, 1832 [*Macroto-*
toma Audinet-Serville, 1832
[July] is a junior homonym of *Macroto-*
toma Laporte, 1832 [April], which is
a synonym of *Longina* Wiedemann, 1830 in Diptera; Heffern et al. (2006)
applied the Reversal of Precedence (Art. 23.9) to qualify *Macroto-*
toma
Audinet-Serville as *nomen protectum*].

*AULACOPIDES Lacordaire, 1868: 101 [stem: *Aulacopod-*]. Type genus: *Aulaco-*
pus Audinet-Serville, 1832. Comment: original vernacular name unavail-
able (Art. 11.7.2): subsequently used in latinized form but not generally
attributed to Lacordaire (1868); incorrect original stem formation, not in
prevailing usage.

AULACOPINAE Kolbe, 1897: 295 [stem: *Aulacopod-*]. Type genus: *Aulacopus*
Audinet-Serville, 1832. Comment: incorrect original stem formation, not
in prevailing usage.

*CNÉMOPLITIENS Lameere, 1904: 1 [stem: *Cnemoplit-*]. Type genus: *Cnemop-*
lites Newman, 1842. Comment: original vernacular name unavailable
(Art. 11.7.2): proposed after 1899.

CNÉMOPLITINAE Schröder, 1905: vii [stem: *Cnemoplit-*]. Type genus: *Cnemo-*
plites Newman, 1842. Comment: see Bousquet et al. (2009: 17) for com-
ments about the authorship of this name.

PRINOBIINI Vives, 2000: 84 [stem: *Prinobi-*]. Type genus: *Prinobius* Mulsant,
1842. Comment: replacement name for MACROTOMINI Thomson, 1861
because of the homonymy of the type genus.

Subtribe PLATYGNATHINA Gilmour, 1954

PLATYGNATHINA Gilmour, 1954: 33 [stem: *Platygnath-*]. Type genus: *Platygna-*
thus Audinet-Serville, 1832. Comment: as pointed out by Bousquet et al.
(2009: 18) Gilmour (1954: 33) did not provide a description of his new
taxon but his new name is available because it was used as valid before
2000, e.g., Ferreira and Veiga Ferreira (1959a: 34, as "PLATYGNATHINA
Gilmour, 1954") and was not rejected by an author who, after 1960 and
before 2000, expressly applied Article 13 of the then current editions of
the Code (Article 13.2.1).

PLATYGNATHINI Quentin and Villiers, 1975: 25 [stem: *Platygnath-*]. Type
genus: *Platygnathus* Audinet-Serville, 1832. Comment: family-group name
proposed as new without reference to PLATYGNATHINA Gilmour, 1954.

Subtribe XIXUTHRINA Lameere, 1912

XIXUTHRI Lameere, 1912: 181 [stem: *Xixuthr-*]. Type genus: *Xixuthrus* J. Thomson, 1864.

Tribe MALLASPINI Thomson, 1861

MALLASPITAE J. Thomson, 1861: 302 [stem: *Mallasp-*]. Type genus: *Mallaspis* Audinet-Serville, 1832. Comment: current spelling maintained (Art. 29.3.1.1); incorrect original stem formation in prevailing usage (should be *Mallaspid-*).

*PYRODIDES Lacordaire, 1868: 174 [stem: *Pyrod-*]. Type genus: *Pyrodes* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Lacordaire (1868).

PYRODINI Harold, 1879: 165 [stem: *Pyrod-*]. Type genus: *Pyrodes* Audinet-Serville, 1832.

Tribe MALLODONINI Thomson, 1861

MALLODONITAE J. Thomson, 1861: 318 [stem: *Mallodon-*]. Type genus: *Mallodon* Lacordaire, 1830. Comment: current spelling maintained (Art. 29.5); incorrect original stem formation in prevailing usage (should be *Mallodont-*); we treat this group as a valid tribe as in Drumont and Komiya (2010: 91).

*STENODONTINES Lameere, 1902: 66 [stem: *Stenodont-*]. Type genus: *Stenodontes* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

STENODONTINI Lameere, 1903a: 54 [stem: *Stenodont-*]. Type genus: *Stenodontes* Audinet-Serville, 1832. Comment: homonym of STENODONTINA Schmiedeknecht, 1903 (type genus *Stenodontus* Berthoumieu, 1897) in Hymenoptera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe MEROSCELISINI Thomson, 1861

MEROSCELISITAE J. Thomson, 1861: 299 [stem: *Meroscelis-*]. Type genus: *Meroscelis* Audinet-Serville, 1832.

*TRAGOSOMITES Fairmaire, 1864: 119 [stem: *Tragosomat-*]. Type genus: *Tragosoma* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Fairmaire (1864); incorrect original stem formation, not in prevailing usage.

TRAGOSOMITAE J. Thomson, 1864: 286 [stem: *Tragosomat-*]. Type genus: *Tragosoma* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

CLOSTÉRIDES Lacordaire, 1868: 149 [stem: *Closter-*]. Type genus: *Closterus* Audinet-Serville, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 676, as CLOSTERINAE), generally accepted as in Lameere (1913: 81, as CLOSTERI).

*MONODESMIDES Lacordaire, 1868: 157 [stem: *Monodesm-*]. Type genus: *Monodesmus* Audinet-Serville, 1832. Comment: original vernacular name unavail-

able (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).

MONODESMINAE Gahan, 1890: 299 [stem: *Monodesm-*]. Type genus: *Monodesmus* Audinet-Serville, 1832.

LULUINA Gilmour, 1956: 222 [stem: *Lulu-*]. Type genus: *Lulua* Burgeon, 1931.

Tribe PRIONINI Latreille, 1802

PRIONII Latreille, 1802: 212 [stem: *Prion-*]. Type genus: *Prionus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

*PRIOCERIA Rafinesque, 1815: 116 [stem: *Priocerat-*]. Type genus: *Prioceras* Rafinesque, 1815 [as pointed out by Bousquet et al. (2009: 19) Rafinesque (1815: 116) listed the genus "*Prioceras* R. sp. do." following the genus "*Prionus* Fabr." in his subfamily PRIOCERIA, the abbreviations after the genus name *Prioceras* mean that this is a new genus by the author "R[afinesque]." and that the new genus includes some species that were included in *Prionus* previously "sp. do."; Rafinesque did not list which species he included in his new genus *Prioceras* and we are not aware of any subsequent validation of this name; *Prioceras* Rafinesque is also listed as a *nomen nudum* in Neave (1940: 889) and Sherborn (1929: 5148)]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time; incorrect original stem formation, not in prevailing usage.

*CYRTOGNATHITES Blanchard, 1845b: 138 [stem: *Cyrtognath-*]. Type genus: *Cyrtognathus* Faldermann, 1835 [subgenus of *Dorysthenes* Vigers, 1826]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

*PSALIDOGNATHITES Blanchard, 1845b: 138 [stem: *Psalidognath-*]. Type genus: *Psalidognathus* Gray, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

CYRTHOGNATHITAE J. Thomson, 1861: 328 [stem: *Cyrtognath-*]. Type genus: *Cyrtognathus* Faldermann, 1835 [as *Cyrthognathus*, incorrect subsequent spelling of type genus name, not in prevailing usage; subgenus of *Dorysthenes* Vigers, 1826]. Comment: incorrect original stem formation, not in prevailing usage.

PSALIDOGNATHITAE J. Thomson, 1861: 331 [stem: *Psalidognath-*]. Type genus: *Psalidognathus* Gray, 1832.

PRIONOMMITAE J. Thomson, 1861: 327 [stem: *Prionommat-*]. Type genus: *Prionomma* A. White, 1853. Comment: incorrect original stem formation, not in prevailing usage.

ORTHOSOMITAE J. Thomson, 1864: 284 [stem: *Orthosomat-*]. Type genus: *Orthosoma* Audinet-Serville, 1832. Comment: incorrect original stem formation, not in prevailing usage.

PITHOCLITAE J. Thomson, 1864: 291 [stem: *Pithocl-*]. Type genus: *Pithocles* J. Thomson, 1864 [syn. of *Derobrachus* Audinet-Serville, 1832].

- DEROBRACHITAE J. Thomson, 1864: 291 [stem: *Derobrach-*]. Type genus: *Derobrachus* Audinet-Serville, 1832.
- TITANITAE J. Thomson, 1864: 292 [stem: *Titan-*]. Type genus: *Titanus* Audinet-Serville, 1832.
- AULACOCERITAE J. Thomson, 1864: 292 [stem: *Aulacocer-*]. Type genus: *Aulacocerus* A. White, 1853.
- *PSALIDOCOPTIDES Lacordaire, 1868: 38 [stem: *Psolidocopt-*]. Type genus: *Psolidocoptus* A. White, 1856. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- *POLYARTHRIDES Lacordaire, 1868: 44 [stem: *Polyarthr-*]. Type genus: *Polyarthron* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).
- *MICROPSALIDES Lacordaire, 1868: 42 [stem: *Micropsalid-*]. Type genus: *Micropsalis* Burmeister, 1865 [preoccupied genus name, not *Micropsalis* Meyer, 1859 (Crustacea); syn. of *Apterocaulus* Fairmaire, 1864]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868); incorrect original stem formation, not in prevailing usage.
- POLYARTHRIINI Gounelle, 1911: 326 [stem: *Polyarthr-*]. Type genus: *Polyarthron* Audinet-Serville, 1832. Comment: POLYARTHRIDAE Daday, 1893 (type genus *Polyarthra* Ehrenberg, 1834) is available in Rotifera; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- MICROPSALINI Gounelle, 1911: 326 [stem: *Micropsalid-*]. Type genus: *Micropsalis* Burmeister, 1865 [preoccupied genus name, not *Micropsalis* Meyer, 1859 (Crustacea); syn. of *Apterocaulus* Fairmaire, 1864]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

Tribe REMPHANINI Lacordaire, 1868

- REMPHANIDES Lacordaire, 1868: 103 [stem: *Remphan-*]. Type genus: *Remphan* G. R. Waterhouse, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 667, as REMPHANINAE), generally accepted as in Drumont and Komiya (2010: 95, as REMPHANINI); this name was incorrectly credited to Pascoe, 1869 by Bousquet et al. (2009: 18); we treat this group as a valid tribe as in Drumont and Komiya (2010: 95).
- RHAPHIPODI Lameere, 1912: 181 [stem: *Rhaphipod-*]. Type genus: *Rhaphipodus* Audinet-Serville, 1832.

Tribe SOLENOPTERINI Lacordaire, 1868

- SOLÉNOPTÉRIDES Lacordaire, 1868: 180 [stem: *Solenopter-*]. Type genus: *Solenoptera* Audinet-Serville, 1832. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 286, as SOLENOPTERINI), generally accepted as in Monné (1995c: 37, as SOLENOPTERINI).

*DÉRANCISTRINES Lameere, 1909: 1 [stem: *Derancistr-*]. Type genus: *Derancistrus* Audinet-Serville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

DERANCISTRINI Lameere, 1912: 181 [stem: *Derancistr-*]. Type genus: *Derancistrus* Audinet-Serville, 1832.

Tribe TERETICINI Lameere, 1913

*TÉRÉTICIENS Lameere, 1912: 72 [stem: *Teretic-*]. Type genus: *Tereticus* C. O. Waterhouse, 1879. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

TERETICI Lameere, 1913: 87 [stem: *Teretic-*]. Type genus: *Tereticus* C. O. Waterhouse, 1879.

Tribe VESPEROCTENINI Vives, 2005

VESPEROCTENINI Vives, 2005: 438 [stem: *Vesperocten-*]. Type genus: *Vesperoctenus* H. W. Bates, 1891.

Subfamily LEPTURINAE Latreille, 1802

LEPTURETAE Latreille, 1802: 218 [stem: *Leptur-*]. Type genus: *Leptura* Linnaeus, 1758.

Tribe DESMOCERINI Blanchard, 1845

DESMOCÉRITES Blanchard, 1845b: 163 [stem: *Desmocer-*]. Type genus: *Desmocerus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 159, as DESMOCERITAE), generally accepted as in Monné (1995b: 1, as DESMOCERINI).

Tribe ENCYCLOPINI LeConte, 1873

ENCYCLOPINI J. L. LeConte, 1873: 326 [stem: *Encyclop-*]. Type genus: *Encyclops* Newman, 1838.

Tribe LEPTURINI Latreille, 1802

LEPTURETAE Latreille, 1802: 218 [stem: *Leptur-*]. Type genus: *Leptura* Linnaeus, 1758.

*GRAMMOPTÉRATES Mulsant, 1863b: 569 [stem: *Grammopter-*]. Type genus: *Grammoptera* Audinet-Serville, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*STRANGALINI Zagajkevich, 1991: 96 [stem: *Strangali-*]. Type genus: *Strangalia* Audinet-Serville, 1835. Comment: family-group name unavailable (Art. 11.6): originally published as synonym and not made available subsequently; incorrect original stem formation, not in prevailing usage.

Tribe OXYMIRINI Danilevsky, 1997

OXYMIRINI Danilevsky, 1997: 8 [stem: *Oxymir-*]. Type genus: *Oxymirus* Mulsant, 1862.

Tribe RHAGIINI Kirby, 1837

RHAGIADAE Kirby, 1837: 178 [stem: *Rhagi-*]. Type genus: *Rhagium* Fabricius, 1775.

*TOXOTAIRES Mulsant, 1839: 230 [stem: *Toxot-*]. Type genus: *Toxotus* Dejean, 1821 [syn. of *Stenocorus* Geoffroy, 1762]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1839).

*PACHYTES Motschulsky, 1849: 60 [stem: *Pachyt-*]. Type genus: *Pachyta* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Motschulsky (1849).

STENOCORITAE J. Thomson, 1861: 156 [stem: *Stenocor-*]. Type genus: *Stenocorus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: an application will need to be submitted to the Commission to suppress STENOCORIDAE Hope, 1834 (based on the misidentified type genus *Stenocorus* sensu Hope, 1834) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

TOXOTI J. L. LeConte and G. H. Horn, 1883: 313 [stem: *Toxot-*]. Type genus: *Toxotus* Dejean, 1821 [syn. of *Stenocorus* Geoffroy, 1762]. Comment: junior homonym of TOXOTIDAE Günther, 1860 (type genus *Toxotes* Cuvier and Cloquet, 1816) currently used as valid in Pisces; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

PACHYTINI Portevin, 1934: 119, in key [stem: *Pachyt-*]. Type genus: *Pachyta* Dejean, 1821.

*ENOPLADERINI Danilevsky, 1997: 9 [stem: *Enoploder-*]. Type genus: *Enoploderes* Faldermann, 1837. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe RHAMNUSIINI Sama, 2009

*RHAMNUSIINI Danilevsky, 1997: 9 [stem: *Rhamnusi-*]. Type genus: *Rhamnusium* Latreille, 1829. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

RHAMNUSIINI Sama, 2009b: 383 [stem: *Rhamnusi-*]. Type genus: *Rhamnusium* Latreille, 1829.

Tribe TELEDAPINI Pascoe, 1871

TELEDAPINAE Pascoe, 1871: 268 [stem: *Teledap-*]. Type genus: *Teledapus* Pascoe, 1871.

Tribe SACHALINOBIINI Danilevsky, 2010

SACHALINOBIINI Danilevsky, 2010: 43 [stem: *Sachalinobi*]. Type genus: *Sachalinobia* Jakobson, 1899.

Tribe XYLOSTEINI Reitter, 1913

XYLOSTEINA Reitter, 1913a: 5 [stem: *Xyloste*]. Type genus: *Xylosteus* Frivaldszky, 1838.

Subfamily SPONDYLIDINAE Audinet-Serville, 1832

SPONDYLII Audinet-Serville, 1832: 123 [stem: *Spondylid*]. Type genus: *Spondylis* Fabricius, 1775.

Tribe ANISARTHRIINI Mamaev and Danilevsky, 1973

*ANISARTHITES Fairmaire, 1864: 124 [stem: *Anisarthr*]. Type genus: *Anisarthron* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Fairmaire (1864).

ANISARTHRONINI Mamaev and Danilevsky, 1973: 1260, in key [stem: *Anisarthr*]. Type genus: *Anisarthron* Dejean, 1835. Comment: family-group name proposed as new without reference to ANISARTHITES Fairmaire, 1864; incorrect original stem formation, not in prevailing usage.

Tribe ASEMINI Thomson, 1861

ASEMITAE J. Thomson, 1861: 259 [stem: *Asem*]. Type genus: *Asemum* Eschscholtz, 1830.

*CRIOMORPHATES Mulsant, 1863a: 421 [stem: *Criomorph*]. Type genus: *Criomorphus* Mulsant, 1839 [preoccupied genus name, not *Criomorphus* Curtis, 1831 [Hemiptera]; placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1988b); syn. of *Tetropium* Kirby, 1837]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Mulsant (1863).

*CRIOCEPHALITES Fairmaire, 1864: 125 [stem: *Criocephal*]. Type genus: *Criocephalus* Mulsant, 1839 [syn. of *Arhopalus* Audinet-Serville, 1834]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Fairmaire (1864).

TETROPIINA Seidlitz, 1891 [Gatt.]: 179 [stem: *Tetropi*]. Type genus: *Tetropium* Kirby, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1988b)].

CRIOCEPHALINAE Sharp, 1905: 147 [stem: *Criocephal*]. Type genus: *Criocephalus* Mulsant, 1839 [syn. of *Arhopalus* Audinet-Serville, 1834].

CRIMORPHINI Portevin, 1927: 20, in key [stem: *Criomorph*]. Type genus: *Criomorphus* Mulsant, 1839 [preoccupied genus name, not *Criomorphus* Curtis, 1831 [Hemiptera]; placed on the Official Index of Rejected and Invalid

Generic Names in Zoology (ICZN 1988b); syn. of *Tetropium* Kirby, 1837].

Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NOTHORHININI Zagajkevich, 1991: 110 [stem: *Nothorhin-*]. Type genus: *Nothorhina* Redtenbacher, 1845. Comment: placed in synonymy with ASEMINI by Vives and Alonso-Zarazaga (2000: 569).

Tribe ATIMIINI LeConte, 1873

ATIMIINI J. L. LeConte, 1873: 322 [stem: *Atimi-*]. Type genus: *Atimia* Haldeman, 1847.

Tribe SAPHANINI Gistel, 1848

SAPHANIDAE Gistel, 1848: [8] [stem: *Saphan-*]. Type genus: *Saphanus* Audinet-Serville, 1834.

MICHTHYSOMINI J. L. LeConte, 1873: 332 [stem: *Michthisomat-*]. Type genus: *Michthisoma* J. L. LeConte, 1850 [as *Michthysoma*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe SPONDYLIDINI Audinet-Serville, 1832

SPONDYLII Audinet-Serville, 1832: 123 [stem: *Spondylid-*]. Type genus: *Spondylis* Fabricius, 1775. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily NECYDALINAE Latreille, 1825

NECYDALIDES Latreille, 1825: 401 [stem: *Necydal-*]. Type genus: *Necydalis* Linnaeus, 1758.

Subfamily DORCASOMINAE Lacordaire, 1868

DORCASOMIDES Lacordaire, 1868: 456 [stem: *Dorcasom-*]. Type genus: *Dorcasomus* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 299, as DORCASOMINAE), generally accepted as in Aurivillius (1912: 251, as DORCASOMINI).

Subfamily APATOPHYSEINAE Lacordaire, 1869

APATOPHYSIDES Lacordaire, 1869: 234 [stem: *Apatophyse-*]. Type genus: *Apatophysis* Chevrolat, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 240, as APATOPHYSINI), generally accepted as in Švácha and Danilevsky (1988: 125, as APATOPHYSEINAE); incorrect original stem formation, not in prevailing usage; valid status given here as in Danilevsky (2010: 48).

Subfamily CERAMBYCINAE Latreille, 1802

CERAMBYCINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758.

Tribe ACANGASSUINI Galileo and Martins, 2001

ACANGASSUINI Galileo and Martins, 2001: 95 [stem: *Acangassu*–]. Type genus: *Acangassu* Galileo and Martins, 2001. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

Tribe ACHRYSONINI Lacordaire, 1868

ACHRYSONIDES Lacordaire, 1868: 231 [stem: *Achryson*–]. Type genus: *Achryson* Audinet-Serville, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Murray (1870: 169, as ACHRYSONIDAE), generally accepted as in Aurivillius (1912: 39, as ACHRYSONINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Achrys*–).

Tribe AGALLISSINI LeConte, 1873

AGALLISSINI J. L. LeConte, 1873: 321 [stem: *Agalliss*–]. Type genus: *Agallissus* Dalman, 1823.

Tribe ALANIZINI Di Iorio, 2003

ALANIZINI Di Iorio, 2003: 1 [stem: *Alaniz*–]. Type genus: *Alanizus* Di Iorio, 2003.

Tribe ANAGLYPTINI Lacordaire, 1868 *nomen protectum*

ANAGLYPTIDES Lacordaire, 1868: 404 [stem: *Anaglypt*–]. Type genus: *Anaglyptus* Mulsant, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 319, as ANAGLYPTI), generally accepted as in Linsley (1964: 173, as ANAGLYPTINI); junior homonym of ANAGLYPTIDAE Gistel, 1848 (type genus *Anaglyptes* Gistel, 1848; syn. of *Chalcophora* Dejean, 1833) in Coleoptera: BUPRESTIDAE; this name was treated as a *nomen protectum* by Bousquet et al. (2009: 41).

Tribe APHANASIINI Lacordaire, 1868

APHANASIIDES Lacordaire, 1868: 367 [stem: *Aphanasi*–]. Type genus: *Aphanasium* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 139, as APHANASIINI).

Tribe APHNEOPINI Lacordaire, 1868

APHNÉOPIDES Lacordaire, 1868: 421 [stem: *Aphneop*–]. Type genus: *Aphneope* Pascoe, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 155, as APHNEOPINI).

Tribe AUXESINI Lapesme and Breuning, 1952

*AUXÉSIDES Lacordaire, 1872: 463 [stem: *Auxes*-.]. Type genus: *Auxesis* J. Thomson, 1858. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Lacordaire (1872).

AUXESINA Lapesme and Breuning, 1952: 140 [stem: *Auxes*-.]. Type genus: *Auxesis* J. Thomson, 1858. Comment: current spelling maintained (Art. 29.5); incorrect original stem formation in prevailing usage (should be *Auxese*-).

PSATHYRINI Quentin, 1954: 103, in key [stem: *Psathyr*-.]. Type genus: *Psathyrus* J. Thomson, 1857.

Tribe BASIPTERINI Fragoso, Monné and Campos Seabra, 1987

BASIPTERINI Fragoso et al., 1987: 201 [stem: *Basipter*-.]. Type genus: *Basiptera* J. Thomson, 1864.

Tribe BIMIINI Lacordaire, 1868

BIMIIDES Lacordaire, 1868: 464 [stem: *Bimi*-.]. Type genus: *Bimia* A. White, 1850. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Aurivillius (1912: 254, as BIMIINI).

SIBYLLINI Cerda, 1973: 115 [stem: *Sibyll*-.]. Type genus: *Sibylla* J. Thomson, 1858 [preoccupied genus name, not *Sibylla* Stål, 1856 [Orthoptera]; the valid name for this genus has recently been given as *Sybilla* J. Thomson, 1864 by Monné and Bezark (2009: 30) which is an incorrect subsequent spelling of *Sibylla* J. Thomson, 1858; syn. of *Zebra* Özdikmen, 2008]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe BOTHRIOSPILINI Lane, 1950

BOTHRIOSPILINAE Lane, 1950: 370 [stem: *Bothriospil*-.]. Type genus: *Bothriospila* Aurivillius, 1923.

Tribe BRACHYPTEROMATINI Sama, 2008

BRACHYPTEROMINI Sama, 2008: 229 [stem: *Brachypteromat*-.]. Type genus: *Brachypteroma* Heyden, 1863. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CALlichROMATINI Swainson, 1840

CALlichROMINAE Swainson, 1840: 293 [stem: *Callichromat*-.]. Type genus: *Callichroma* Latreille, 1816. Comment: incorrect original stem formation, not in prevailing usage; this family-group name was incorrectly credited to Swainson and Shuckard (1840) by Bousquet et al. (2009: 42).

TERAMBIDAE Gistel, 1848: [8] [stem: *Teramb*-.]. Type genus: *Terambus* Gistel, 1848 [syn. of *Aromia* Audinet-Serville, 1834].

Tribe CALLIDIINI Kirby, 1837

CALLIDIADAE Kirby, 1837: 170 [stem: *Callidi-*]. Type genus: *Callidium* Fabricius, 1775 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 42)].

*PHYMATODATES Mulsant, 1863a: 397 [stem: *Phymatod-*]. Type genus: *Phymatodes* Mulsant, 1839 [placed on the Official List of Generic Names in Zoology (ICZN 1989a)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe CALLIDIOPINI Lacordaire, 1868

CALLIDIOPSIDES Lacordaire, 1868: 340 [stem: *Callidiop-*]. Type genus: *Callidiopsis* A. White, 1855 [as *Callidiopsis*, unjustified emendation of type-genus by Lacordaire (1868: 356), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 535, as CALLIDIOPSINAE [incorrect stem formation]), generally accepted as in Aurivillius (1912: 115, as CALLIDIOPINI); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Callidiopid-*).

Tribe CERAMBYCINI Latreille, 1802

CERAMBICINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758.

Subtribe CERAMBYCINA Latreille, 1802

CERAMBICINI Latreille, 1802: 211 [stem: *Cerambyc-*]. Type genus: *Cerambyx* Linnaeus, 1758. Comment: Gistel (1856a: 375) used the name CERATAMBYCIDAE but this was based on the incorrect subsequent spelling of the type genus name (incorrectly given as *Caratambyx* in the same work on page 375 but later corrected to *Ceratambyx* by Gistel (1856b: 13)) and was therefore not proposed as a new family-group name.

Subtribe SPHALLOTTRICHINA Martins and Monné, 2005

SPHALLOTTRICHINA Martins and Monné, 2005: 2 [stem: *Sphallotrich-*]. Type genus: *Sphallotrichus* Fragoso, 1982. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

Tribe CERTALLINI Fairmaire, 1864

CARTALLITES Fairmaire, 1864: 149 [stem: *Certall-*]. Type genus: *Certallum* Dejean, 1821 [as *Cartallum*, unjustified emendation of type genus name by Audinet-Serville (1834: 94), not in prevailing usage]. Comment: published early September 1864; original vernacular name available (Art. 11.7.2): first used in a latinized form by Sama (1990: 287, as CERTALLINI), generally accepted as in

Vives (2000: 155, as CERTALLINI); incorrect original stem formation, not in prevailing usage.

PYTHEITAE J. Thomson, 1864: 153 [stem: *Pythe*-]. Type genus: *Pytheus* Newman, 1840. Comment: published before October 1864.

*ERIONISPITES Chapuis, 1875: 301 [stem: *Erionisp*-]. Type genus: *Erionispa* Chapuis, 1875 [syn. of *Pytheus* Newman, 1840]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Chapuis (1875); ERIONISPIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); name written with an accent as ÉRIONISPITES on page 301 of the original publication, but without accent in the key and for the description; type genus transferred from CHRYSOMELIDAE by Lameere (1885) and treated as a synonym of *Pytheus* Newman, 1840.

Tribe CHLIDONINI Waterhouse, 1879

CHLIDONINAE C. O. Waterhouse, 1879b: 320 [stem: *Chlidon*-]. Type genus: *Chlidones* C. O. Waterhouse, 1879.

Tribe CLEOMENINI Lacordaire, 1868

CLÉOMÉNIDES Lacordaire, 1868: 405 [stem: *Cleomen*-]. Type genus: *Cleomenes* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Pascoe (1869b: 554, as CLEOMENINAE), generally accepted as in Adlbauer et al. (2010: 163, as CLEOMENINI); this name was incorrectly credited to Pascoe (1869) by Bousquet et al. (2009: 55); we treat this group as a valid tribe as in Adlbauer et al. (2010: 163).

Tribe CLYTINI Mulsant, 1839

CLYTAIRES Mulsant, 1839: 70 [stem: *Clyt*-]. Type genus: *Clytus* Laicharting, 1784. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Gistel (1848: [8], as CLYTIIDAE [incorrect stem formation]), generally accepted as in Aurivillius (1912: 358, as CLYTINI).

NEOCLYTITAE J. Thomson, 1861: 219 [stem: *Neoclyt*-]. Type genus: *Neoclytus* J. Thomson, 1861.

CYLLENITAE J. Thomson, 1864: 184 [stem: *Cyllen*-]. Type genus: *Cyllene* Newman, 1840 [preoccupied genus name, not *Cyllene* Gray, 1834 [Mollusca]; syn. of *Megacyllene* Casey, 1912]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe COMPSOCERINI Thomson, 1864

COMPSOCERITAE J. Thomson, 1864: 260 [stem: *Compsocer*-]. Type genus: *Compsocerus* Audinet-Serville, 1834 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 44)].

Tribe COPTOMMATINI Lacordaire, 1869

COPTOMMIDES Lacordaire, 1869: 221 [stem: *Coptommat-*]. Type genus: *Coptomma* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 488, as COPTOMMATINI); First Reviser (COPTOMMATINI Lacordaire, 1869 vs NAVOMORPHINI Lacordaire, 1869) not determined, current usage maintained.

NAVOMORPHIDES Lacordaire, 1869: 223 [stem: *Navomorph-*]. Type genus: *Navomorpha* A. White, 1855 [syn. of *Coptomma* Newman, 1840]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 488, as NAVOMORPHINI).

Tribe CURIINI LeConte, 1873

CURII J. L. LeConte, 1873: 304 [stem: *Curi-*]. Type genus: *Curius* Newman, 1840.

Tribe DEILINI Fairmaire, 1864

*DÉILATES Mulsant, 1863b: 190 [stem: *Deil-*]. Type genus: *Deilus* Audinet-Serville, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1863).

DÉILATES Fairmaire, 1864: 154 [stem: *Deil-*]. Type genus: *Deilus* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 294, as DEILINI).

Tribe DEJANIRINI Lacordaire, 1868

DÉJANIRIDES Lacordaire, 1868: 460 [stem: *Dejanir-*]. Type genus: *Dejanira* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 561, as DEJANIRINAE), generally accepted as in Aurivillius (1912: 253, as DEJANIRINI).

Tribe DIORINI Lane, 1950

DIORINAE Lane, 1950: 373 [stem: *Dior-*]. Type genus: *Diorus* A. White, 1853.

Tribe DISTICHOCERINI Pascoe, 1867

*DISTICHOCÉRITES Blanchard, 1845b: 144 [stem: *Distichocer-*]. Type genus: *Distichocera* Kirby, 1819. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b).

DISTICHOCERINAE Pascoe, 1867a: 125 [stem: *Distichocer-*]. Type genus: *Distichocera* Kirby, 1819.

Tribe DODECOSINI Aurivillius, 1912

DODECOSINI Aurivillius, 1912: 132 [stem: *Dodecos-*]. Type genus: *Dodecosis* H. W. Bates, 1867. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Dodecose-*).

OLEXANDRELLAEINI Zajciw, 1960: 605 [stem: *Olexandrell-*]. Type genus: *Olexandrella* Zajciw, 1959. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DRYOBIINI Arnett, 1962 *nomen protectum*

DRYOBIINI Arnett, 1962c: 861 [stem: *Dryobi-*]. Type genus: *Dryobius* J. L. LeConte, 1850. Comment: *nomen protectum* (see Bousquet et al. 2009: 45); this is a junior homonym of DRYOBIADAE Gistel, 1856a: 368 (type genus *Dryobia* Gistel, 1856) which is a junior synonym of DRYOPHILIDAE Gistel, 1848.

Tribe EBURIINI Blanchard, 1845

EBURIITES Blanchard, 1845b: 145 [stem: *Eburi-*]. Type genus: *Eburia* Lacordaire, 1830. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. Thomson (1861: 237, as EBURITAE), generally accepted as in Monné (1993a: 20, as EBURIINI).

Tribe ECTENESSINI Martins, 1998

ECTENESSINI Martins, 1998: 82 [stem: *Ecteness-*]. Type genus: *Ectenessa* H. W. Bates, 1885.

Tribe ELAPHIDIINI Thomson, 1864

ELAPHIDIONITAE J. Thomson, 1864: 235 [stem: *Elaphidi-*]. Type genus: *Elaphidion* Audinet-Serville, 1834. Comment: incorrect original stem formation, not in prevailing usage; Ivie (1985: 303) pointed out that the correct stem based on *Elaphidion* is *Elaphidi-*; both ELAPHIDIINI and ELAPHIDIONINI have been used in recent literature, we prefer to use the correct spelling of the stem here.

SPHÉRIONIDES Lacordaire, 1868: 312 [stem: *Sphaeri-*]. Type genus: *Sphaerion* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Heyne and Taschenberg (1907: 239, as SPHAERIONINI), generally accepted as in Aurivillius (1912: 96, as SPHAERIONINI); incorrect original stem formation, not in prevailing usage; junior homonym of SPHAERIIDAE Deshayes, 1855 (type genus *Sphaerium* Scopoli, 1877) in Mollusca and SPHAERINA Erichson, 1845 [incorrect original spelling] (type genus *Sphaerius* Walzl, 1838) in Myxophaga, the stem of the beetle family-group name was recently emended to *Sphaerius-* (ICZN 2000); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

STENOSPHEININI J. L. LeConte, 1873: 316 [stem: *Stenosphen-*]. Type genus: *Stenosphenus* Haldeman, 1847.

Tribe ELIGMODERMINI Lacordaire, 1868

ÉLIGMODERMIDES Lacordaire, 1868: 337 [stem: *Eligmoderm-*]. Type genus: *Eligmoderma* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Aurivillius

(1912: 114, as *ELIGMODERMINI*); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Eligmodermat-*).

Tribe ERLANDIINI Aurivillius, 1912

ERLANDIINI Aurivillius, 1912: 12 [stem: *Erlandi-*]. Type genus: *Erlandia* Aurivillius, 1904.

Tribe EROSCHEMINI Lacordaire, 1868

ÉROSCHÉMIDES Lacordaire, 1868: 515 [stem: *Eroschem-*]. Type genus: *Eroschema* Pascoe, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1872a: 185, as *EROSCHEMINAE*), generally accepted as in Aurivillius (1912: 287, as *EROSCHEMINI*); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Eroschemat-*).

Tribe EUMICHTHINI Linsley, 1940

EUMICHTHINI Linsley, 1940: 368 [stem: *Eumichth-*]. Type genus: *Eumichthus* J. L. LeConte, 1873.

Tribe GAHANIINI Quentin and Villiers, 1969

GAHANIINI Quentin and Villiers, 1969: 615, in key [stem: *Gahani-*]. Type genus: *Gahania* Distant, 1907.

Tribe GLAUCYTINI Lacordaire, 1868

GLAUCYTIDES Lacordaire, 1868: 405 [stem: *Glaucyt-*]. Type genus: *Glaucytes* J. Thomson, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 650, as *GLAUCYTINAE*), generally accepted as in Aurivillius (1912: 435, as *GLAUCYTINI*); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Glaucytet-*).

Tribe GRACILIINI Mulsant, 1839

GRACILIAIRES Mulsant, 1839: 99 [stem: *Gracili-*]. Type genus: *Gracilia* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 300, as *GRACILIINAE*), generally accepted as in Monné (1993b: 9, as *GRACILIINI*).

Tribe HESPEROPHANINI Mulsant, 1839

HESPÉROPHANAIRES Mulsant, 1839: 61 [stem: *Hesperophan-*]. Type genus: *Hesperophanes* Dejean, 1835.

Subtribe DARAMINA Sama, 2008

DARAMINA Sama, 2008: 224 [stem: *Daram-*]. Type genus: *Daramus* Fairmaire, 1892.

Subtribe HESPEROPHANINA Mulsant, 1839

HESPÉROPHANAIRES Mulsant, 1839: 61 [stem: *Hesperophan-*]. Type genus: *Hesperophanes* Dejean, 1835 [see Vives and Alonso-Zarazaga (2000: 657) and Bousquet et al. (2009: 47) for a discussion of problems with the type species of this genus]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869: 523, as HESPEROPHANINAE), generally accepted as in Monné (1993a: 1, as HESPEROPHANINI).

CERASPHORITAE J. Thomson, 1861: 234 [stem: *Cerasphor-*]. Type genus: *Cerasphorus* Audinet-Serville, 1834.

Tribe HESTHESINI Pascoe, 1867

HESTHESINAE Pascoe, 1867a: 127 [stem: *Hesthes-*]. Type genus: *Hesthesis* Newman, 1840. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Hesthese-*).

Tribe HETEROPSINI Lacordaire, 1868 *nomen protectum*

DICHOPHYLAEIDAE Gistel, 1848: [8] [stem: *Dichophyi-*]. Type genus: *Dichophylla* Gistel, 1848. Comment: *nomen oblitum* (see Bousquet et al. 2009: 48). Comment: incorrect original stem formation, not in prevailing usage.

HÉTÉROPSIDES Lacordaire, 1868: 405 [stem: *Heterops-*]. Type genus: *Heterops* Blanchard, 1842. Comment: *nomen protectum* (see Bousquet et al. 2009: 48); original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1872a: 179, as HETEROPSINAE), generally accepted as in Aurivillius (1912: 438, as HETEROPSINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Heterop-*); this name was incorrectly attributed to Lacordaire (1869) by Bousquet et al. (2009: 48).

Tribe HEXOPLINI Martins, 2006

HEXOPLONINI Martins, 2006: 22 [stem: *Hexopl-*]. Type genus: *Hexoplon* J. Thomson, 1864. Comment: incorrect original stem formation, not in prevailing usage; this name was incorrectly treated as unavailable by Bousquet et al. (2009).

Tribe HOLOPLEURINI Chemsak and Linsley, 1974

HOLOPLEURINI Chemsak and Linsley, 1974: 183 [stem: *Holopleur-*]. Type genus: *Holopleura* J. L. LeConte, 1873.

Tribe HOLOPTERINI Lacordaire, 1868

HOLOPTÉRIDES Lacordaire, 1868: 393 [stem: *Holopter-*]. Type genus: *Holopterus* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lucas (1920: xxiii, as HOLOPTERINI), generally accepted as in Aurivillius (1912: 148, as HOLOPTERINI); this tribe was transferred to the subfamily LEPTURINAE by Vitali (2002: 32) but placed back into the CERAMBYCINAE by Monné (2005a: 301).

Tribe HYBODERINI Linsley, 1940

HYBODERINI Linsley, 1940: 371 [stem: *Hyboder-*]. Type genus: *Hybodera* J. L. Le-Conte, 1873.

Tribe HYLOTRUPINI Zagajkevich, 1991

HYLOTRUPINI Zagajkevich, 1991: 67 [stem: *Hylotrup-*]. Type genus: *Hylotrupes* Audinet-Serville, 1834.

Tribe IBIDIONINI Thomson, 1861

IBIDIONITAE J. Thomson, 1861: 199 [stem: *Ibidion-*]. Type genus: *Ibidion* Gory, 1833.

Subtribe COMPSINA Martins and Galileo, 2007

COMPSINA Martins and Galileo, 2007: 6, in key [stem: *Comps-*]. Type genus: *Compsa* Perty, 1832. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009); junior homonym of COMPSINI Pierce, 1913 (type genus *Compsus* Schönherr, 1823) in CURCULIONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Subtribe IBIDIONINA Thomson, 1861

IBIDIONITAE J. Thomson, 1861: 199 [stem: *Ibidion-*]. Type genus: *Ibidion* Gory, 1833. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Ibidi-*).

*SYDACINI Martins, 2003a: 204 [stem: *Sydac-*]. Type genus: *Sydax* Lacordaire, 1868. Comment: name unavailable (Art. 16.1); name not indicated as intentionally new; this taxon was originally described by Martins (1997a: 8–9) but not named.

Subtribe TROPIDINA Martins and Galileo, 2007

TROPIDINA Martins and Galileo, 2007: 7 [stem: *Tropid-*]. Type genus: *Tropidion* J. Thomson, 1867. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009); incorrect original spelling maintained (should be *Tropidi-*) in order to avoid homonymy with TROPIDIINI Hull, 1949 (type genus *Tropidia* Meigen, 1822) available in Diptera: SYRPHIDAE.

Tribe IDERATINI Martins and Napp, 2009

IDERATINI Martins and Napp, 2009: 216 [stem: *Iderat-*]. Type genus: *Ideratus* J. Thomson, 1864.

Tribe LISSONOTINI Swainson, 1840

LISSONOTINAE Swainson, 1840: 289 [stem: *Lissonot-*]. Type genus: *Lissonotus* Dalman, 1817. Comment: this family-group name was incorrectly credited to

Swainson and Shuckard (1840) by Bousquet et al. (2009: 49); the junior homonym *LISSONOTINI* Förster, 1869 (type genus *Lissonota* Gravenhorst, 1829) is available in Hymenoptera: ICHNEUMONIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe LUSCOSMODICINI Martins, 2003

LUSCOSMODICINI Martins, 2003b: 30 [stem: *Luscosmodic-*]. Type genus: *Luscosmodicum* Martins, 1970. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

Tribe LYGRINI Sama, 2008

LYGRINI Sama, 2008: 222 [stem: *Lygr-*]. Type genus: *Lygrus* Fåhræus, 1872.

Tribe MACRONINI Lacordaire, 1868

ENCHAPTERITAE J. Thomson, 1861: 151 [stem: *Enchopter-*]. Type genus: *Enchoptera* Saunders, 1850 [as *Enchaptera*, incorrect subsequent spelling type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; this name has precedence over MACRONINI Lacordaire, 1868 but has not been used as a valid name after 1899 to our knowledge, although we were unable to find 25 references to conserve usage of MACRONINI (Art. 23.9.2), we believe the name MACRONINI should be conserved for this group and an application should be submitted to the Commission (Art. 23.9.3).

MACRONIDES Lacordaire, 1868: 414 [stem: *Macron-*]. Type genus: *Macrones* Newman, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as MACRONINAE), generally accepted as in Aurivillius (1912: 153, as MACRONINI); although this is not the oldest name for the tribe, we recommend that an application be submitted to the Commission to conserve usage of the well-established name MACRONINI Lacordaire, 1868.

Tribe MEGACOELINI Quentin and Villiers, 1969

MEGACOELINI Quentin and Villiers, 1969: 615, in key [stem: *Megacoel-*]. Type genus: *Megacoelus* Lacordaire, 1868.

Tribe METHIINI Thomson, 1860

METHITAE J. Thomson, 1860a: 127 [stem: *Methi-*]. Type genus: *Methia* Newman, 1842.

Tribe MOLORCHINI Gistel, 1848

MOLORCHIDAE Gistel, 1848: [9] [stem: *Molorch-*]. Type genus: *Molorchus* Fabricius, 1792 [see Bousquet (2008: 620) for a discussion of the type species]. Comment: name previously attributed to Mulsant (1862) but was also used by Marseul (1857a: 166, as MOLORCHIDAE) prior to Mulsant's name.

Tribe MYTHODINI Lacordaire, 1868

MYTHODIDES Lacordaire, 1868: 418 [stem: *Mythod-*]. Type genus: *Mythodes* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as MYTHODINAE), generally accepted as in Aurivillius (1912: 154, as MYTHODINI).

Tribe NECYDALOPSINI Lacordaire, 1868

NECYDALOPSIDES Lacordaire, 1868: 493 [stem: *Necydalops-*]. Type genus: *Necydalopsis* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 275, as NECYDALOPSINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Necydalopse-*).

Tribe NEOCORINI Martins, 2005

NEOCORINI Martins, 2005: 240 [stem: *Neocor-*]. Type genus: *Neocorus* J. Thomson, 1864. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

Tribe NEOSTENINI Lacordaire, 1868

NEOSTÉNIDES Lacordaire, 1868: 363 [stem: *Neosten-*]. Type genus: *Neostenus* Pascoe, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as NEOSTENINAE), generally accepted as in Aurivillius (1912: 138, as NEOSTENINI).

Tribe OBRIINI Mulsant, 1839

OBRIAIREs Mulsant, 1839: 95 [stem: *Obri-*]. Type genus: *Obrium* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gistel (1848: [9], as OBRIIDAE), generally accepted as in Monné (1993a: 11, as OBRIINI).

Tribe OCHYRINI Pascoe, 1871

OCHYRINAE Pascoe, 1871: 273 [stem: *Ochyr-*]. Type genus: *Ochyra* Pascoe, 1871.

Tribe OEDENODERINI Aurivillius, 1912

OEDENODERINI Aurivillius, 1912: 358 [stem: *Oedenoder-*]. Type genus: *Oedenoderus* Chevrolat, 1858.

Tribe OEMINI Lacordaire, 1868

OEMIDES Lacordaire, 1868: 216 [stem: *Oem-*]. Type genus: *Oeme* Newman, 1840.

Subtribe METHIOIDINA Martins, 1997

METHIOIDINA Martins, 1997a: 119 [stem: *Methioid-*]. Type genus: *Methioides* Chemsak and Linsley, 1967.

Subtribe OEMINA Lacordaire, 1868

*MALACOPTÉRITES Blanchard, 1845b: 147 [stem: *Malacopter*-.]. Type genus: *Malacopterus* Audinet-Serville, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

OEMIDES Lacordaire, 1868: 216 [stem: *Oem*-.]. Type genus: *Oeme* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 498, as OEMINAE), generally accepted as in Aurivillius (1912: 26, as OEMINI).

Tribe OPSIMINI LeConte, 1873

OPSIMI J. L. LeConte, 1873: 294 [stem: *Optim*-.]. Type genus: *Optimus* Mannerheim, 1843.

Tribe OXYCOLEINI Martins and Galileo, 2003

OXYCOLEINI Martins and Galileo, 2003: 52 [stem: *Oxycole*-.]. Type genus: *Oxycoleus* Lacordaire, 1868. Comment: this name was incorrectly treated as unavailable by Bousquet et al. (2009).

Tribe PARAHOLOPTERINI Martins, 1997

PARAHOLOPTERINI Martins, 1997b: 201 [stem: *Paraholopter*-.]. Type genus: *Paraholopterus* Cerda and Cekalovic, 1987.

Tribe PHALOTINI Lacordaire, 1868

PHALOTIDES Lacordaire, 1868: 495 [stem: *Phalot*-.]. Type genus: *Phalota* Pascoe, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 276, as PHALOTINI).

Tribe PHLYCTAENODINI Lacordaire, 1868

PHLYCTÉNODIDES Lacordaire, 1868: 370 [stem: *Phlyctaenod*-.]. Type genus: *Phlyctaenodes* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1912: 140, as PHLYCTAENODINI), generally accepted as in Monné (1993b: 20, as PHLYCTAENODINI); incorrect original stem formation, not in prevailing usage.

Tribe PHORACANTHINI Newman, 1840

STENOCORIDAE Hope, 1834: 106 [stem: *Stenocor*-.]. Type genus: *Stenocorus* sensu Hope, 1835 [not *Stenocorus* Geoffroy, 1762; syn. of *Phoracantha* Newman, 1840]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see STENOCORIDAE J. Thomson, 1861 in LEPTURINAE: RHAGIINI.

PHORACANTHIDAE Newman, 1840: 2 [stem: *Phoracanth*-.]. Type genus: *Phoracantha* Newman, 1840.

Tribe PHYLLARTHRIINI Lepesme and Breuning, 1956

PHYLLARTHRIINI Lepesme and Breuning, 1956: 287 [stem: *Phyllarthri-*]. Type genus: *Phyllarthrius* Hope, 1843.

Tribe PIESARTHRIINI McKeown, 1947

PIESARTHRIINI McKeown, 1947: 55 [stem: *Piesarthri-*]. Type genus: *Piesarthrius* Hope, 1834. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Gressitt (1959: 84, as PIESARTHINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); incorrect original stem formation, not in prevailing usage.

Tribe PIEZOCERINI Lacordaire, 1868

PIÉZOCÉRIDES Lacordaire, 1868: 324 [stem: *Piezocer-*]. Type genus: *Piezocera* Audinet-Serville, 1834.

Subtribe HARUSPICINA Martins, 1976

HARUSPICINA Martins, 1976: 199 [stem: *Haruspic-*]. Type genus: *Haruspex* J. Thomson, 1864.

Subtribe PIEZOCERINA Lacordaire, 1868

PIÉZOCÉRIDES Lacordaire, 1868: 324 [stem: *Piezocer-*]. Type genus: *Piezocera* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 102, as PIEZOCERINI).

ZELLIBORIINAE Lane, 1951: 5 [stem: *Zellibori-*]. Type genus: *Zelliboria* Lane, 1951.

Tribe PLATYARTHRIINI Bates, 1870

*COELARTHRIDES Lacordaire, 1868: 405 [stem: *Caelomarth-*]. Type genus: *Caelomarthron* J. Thomson, 1860 [as *Coelarthron*, unjustified emendation of type genus name by Lacordaire (1869: 142), not in prevailing usage; syn. of *Platyarthron* Guérin-Ménéville, 1844]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally accepted as valid; subsequent usage of COELARTHRIINAE by Lucas (1920: 17) and CAELARTHRIINAE by Ferreira and Veiga Ferreira (1959b: 331) did not validate this name because Lacordaire's taxon was listed as a synonym of PLATYARTHRIINI H. W. Bates; COELARTHRIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1868); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

PLATYARTHRIINAE H. W. Bates, 1870: 419 [stem: *Platyarthr-*]. Type genus: *Platyarthron* Guérin-Ménéville, 1844.

Tribe PLECTOGASTERINI Quentin and Villiers, 1969

PLECTOGASTERINI Quentin and Villiers, 1969: 615, in key [stem: *Plectogaster-*]. Type genus: *Plectogaster* C. O. Waterhouse, 1881. Comment: Bousquet et al. (2009: 52) erroneously listed PLECTOGASTRINI as the original spelling.

Tribe PLECTROMERINI Nearn and Braham, 2008

PLECTROMERINI Nearn and Braham, 2008: 19 [stem: *Plectromer-*]. Type genus: *Plectromerus* Haldeman, 1847 [see Bousquet et al. (2009: 53) about problems with the type species of this genus].

Tribe PLEIARTHROCERINI Lane, 1950

PLEIARTHROCERINAE Lane, 1950: 371 [stem: *Pleiarthrocer-*]. Type genus: *Pleiarthrocerus* Bruch, 1915.

Tribe PROTAXINI Gahan, 1906

PROTAXINI Gahan, 1906: 92 [stem: *Protax-*]. Type genus: *Protaxis* Gahan, 1906. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Protaxe-*).

Tribe PROTHEMINI Lacordaire, 1868

PROTHÉMIDES Lacordaire, 1868: 524 [stem: *Prothem-*]. Type genus: *Prothema* Pascoe, 1856. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 578, as PROTHEMINAE), generally accepted as in Aurivillius (1912: 291, as PROTHEMINI).

Tribe PSEBIINI Lacordaire, 1868

*LEPTIDÉITES Fairmaire, 1864: 148 [stem: *Leptide-*]. Type genus: *Leptidea* Mulsant, 1839 [preoccupied genus name, not *Leptidea* Billberg, 1820 [Lepidoptera]; syn. of *Nathrius* Bréthes, 1916]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864).

PSEBIIDES Lacordaire, 1868: 479 [stem: *Psebi-*]. Type genus: *Psebiium* Pascoe, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 299, as PSEBIINAE), generally accepted as in Aurivillius (1912: 261, as PSEBIINI).

LEPTIDEINA Reitter, 1913a: 24 [stem: *Leptide-*]. Type genus: *Leptidea* Mulsant, 1839 [preoccupied genus name, not *Leptidea* Billberg, 1820 [Lepidoptera]; syn. of *Nathrius* Bréthes, 1916]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; LEPTIDEINI Verity, 1947 (type genus *Leptidea* Billberg, 1820) is available in Lepidoptera.

CAMBALINAE Lane, 1951: 12 [stem: *Cambai*-.]. Type genus: *Cambaia* Lane, 1951 [syn. of *Paraleptidea* Gounelle, 1913].

NATHRIINI Arnett, 1962c: 860 [stem: *Nathri*-.]. Type genus: *Nathrius* Brèthes, 1916.

Tribe PSEUDOCEPHALINI Aurivillius, 1912 (1861)

AMETROCEPHALITAE J. Thomson, 1861: 256 [stem: *Ametrocephal*-.]. Type genus: *Ametrocephala* Blanchard, 1851 [syn. of *Pseudocephalus* Newman, 1842].

Comment: use of younger name PSEUDOCEPHALINI Aurivillius, 1912 conserved over this name (Art. 40.2).

PSEUDOCEPHALINI Aurivillius, 1912: 154 [stem: *Pseudocephal*-.]. Type genus: *Pseudocephalus* Newman, 1842. Comment: name proposed to replace AMETROCEPHALINI J. Thomson, 1861 because of the synonymy of the type genus; usage of this name conserved over AMETROCEPHALINI Thomson, 1861 (Art. 40.2).

Tribe PSEUDOLEPTURINI Thomson, 1861

PSEUDOLEPTURITAE J. Thomson, 1861: 146 [stem: *Pseudoleptur*-.]. Type genus: *Pseudoleptura* J. Thomson, 1861. Comment: we treat this group as a valid tribe as in Adlbauer et al. (2010: 200).

ERYTHRINAE Pascoe, 1866a: 227 [stem: *Erythr*-.]. Type genus: *Erythrus* A. White, 1853.

Tribe PSILOMORPHINI Lacordaire, 1868

PSILOMORPHIDES Lacordaire, 1868: 392 [stem: *Psilomorph*-.]. Type genus: *Psilomorpha* Saunders, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 148, as PSILOMORPHINI).

Tribe PTEROPLATINI Thomson, 1861

PTEROPLATITAE J. Thomson, 1861: 254 [stem: *Pteroplat*-.]. Type genus: *Pteroplatus* Buquet, 1840.

Tribe PYRESTINI Lacordaire, 1868

PYRESTHIDES Lacordaire, 1868: 518 [stem: *Pyrest*-.]. Type genus: *Pyrestes* Pascoe, 1857 [as *Pyresthes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1912: 288, as PYRESTINI), generally accepted as in Bousquet et al. (2009: 54, as PYRESTINI); incorrect original stem formation, not in prevailing usage.

Tribe RHAGIOMORPHINI Newman, 1841

RHAGIOMORPHIDAE Newman, 1841: 34 [stem: *Rhagiomorph*-.]. Type genus: *Rhagiomorpha* Newman, 1840.

Tribe RHINOTRAGINI Thomson, 1861

RHINOTRAGITAE J. Thomson, 1861: 177 [stem: *Rhinotrag-*]. Type genus: *Rhinotragus* Germar, 1824.

Tribe RHOPALOPHORINI Blanchard, 1845

RHOPALOPHORITES Blanchard, 1845b: 152 [stem: *Rhopalophor-*]. Type genus: *Rhopalophora* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 268, as RHOPALOPHORITAE), generally accepted as in Monné (1994a: 1, as RHOPALOPHORINI).

Tribe ROSALIINI Fairmaire, 1864

ROSALITES Fairmaire, 1864: 137 [stem: *Rosali-*]. Type genus: *Rosalia* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 310, as ROSALIINI), generally accepted as in Linsley (1964: 4, as ROSALIINI).

Tribe SESTYRINI Lacordaire, 1868

SESTYRIDES Lacordaire, 1868: 405 [stem: *Sestyr-*]. Type genus: *Sestyra* Pascoe, 1867. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 643, as SESTYRINAE), generally accepted as in Aurivillius (1912: 424, as SESTYRINI).

Tribe SMODICINI Lacordaire, 1868

SMODICIDES Lacordaire, 1868: 405 [stem: *Smodic-*]. Type genus: *Smodicum* Hal-deman, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 294, as SMODICI), generally accepted as in Aurivillius (1912: 12, as SMODICINI); this name was incorrectly attributed to Lacordaire (1869) by Bousquet et al. (2009: 55).

Tribe SPINTHERIINI Lacordaire, 1869

SPINTHÉRIIDES Lacordaire, 1869: 219 [stem: *Spintheri-*]. Type genus: *Spintheria* J. Thomson, 1861. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 487, as SPINTHERIINI).

Tribe STENHOMALINI Miroshnikov, 1989

STENHOMALINI Miroshnikov, 1989: 742 [stem: *Stenhomal-*]. Type genus: *Stenhomalus* A. White, 1855.

Tribe STENODERINI Pascoe, 1867

*STÉNODÉRITES Blanchard, 1845b: 163 [stem: *Stenoder-*]. Type genus: *Stenoderus* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2):

subsequently used in latinized form but not generally attributed to Blanchard (1845b).

SYLLITAE J. Thomson, 1864: 138 [stem: *Syllit-*]. Type genus: *Syllitus* Pascoe, 1859.

Comment: this name has precedence over STENODERINI Pascoe, 1867 but has not been used as a valid name after 1899 to our knowledge, unfortunately, we were unable to provide 25 references to conserve usage of STENODERINI (Art. 23.9.2) although we believe the name STENODERINI should be conserved for this group until an application to the ICZN is submitted (Art. 23.9.3).

STENODERINAE Pascoe, 1867b: 311 [stem: *Stenoder-*]. Type genus: *Stenoderus* Dejean, 1821. Comment: senior homonym of STENODERINI Selander, 1991 (type genus *Stenodera* Eschscholtz, 1818) currently used as valid in MELOIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1); also, this is not the oldest available name for this tribe, see comments under SYLLITAE Thomson, 1864.

*PTÉROSTÉNIDES Lacordaire, 1868: 410 [stem: *Pterosten-*]. Type genus: *Pterostenus* Laporte, 1840 [syn. of *Stenoderus* Dejean, 1821]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally accepted as valid; subsequent usage of PTEROSTENINAE by Aurivillius (1912: 150) and Lucas (1920: 53) did not validate this name because Lacordaire's taxon was listed as a synonym of STENODERINI.

CALLIPRASONINI McKeown, 1947: 71 [stem: *Callipras-*]. Type genus: *Calliprason* A. White, 1843. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Gressitt (1959: 148, as CALLIPRASONINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); incorrect original stem formation, not in prevailing usage.

Tribe STENOPTERINI Gistel, 1848

STENOPTERIDAE Gistel, 1848: [9] [stem: *Stenopter-*]. Type genus: *Stenopterus* Illiger, 1804.

Tribe STRONGYLURINI Lacordaire, 1868

STRONGYLURIDES Lacordaire, 1868: 379 [stem: *Strongylur-*]. Type genus: *Strongylurus* Hope, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 548, as STRONGYLURINAE), generally accepted as in Aurivillius (1912: 144, as STRONGYLURINI).

Tribe TESSAROMMATINI Lacordaire, 1868

TESSAROMMIDES Lacordaire, 1868: 378 [stem: *Tessarommat-*]. Type genus: *Tessaromma* Newman, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 143, as TESSAROMMATINI); name also spelled TESSÉROMMIDES in ori-

ginal publication on page 204 (key); incorrect original stem formation, not in prevailing usage.

Tribe THRANIINI Gahan, 1906

THRANIINI Gahan, 1906: 236 [stem: *Thrani-*]. Type genus: *Thranius* Pascoe, 1859.

Tribe THYRSIINI Marinoni and Napp, 1984

THYRSIINI Marinoni and Napp, 1984: 44 [stem: *Thyrsi-*]. Type genus: *Thyrsia* Dalman, 1819.

Tribe TILLOMORPHINI Lacordaire, 1868

TILLOMORPHIDES Lacordaire, 1868: 405 [stem: *Tillomorph-*]. Type genus: *Tillomorphia* Blanchard, 1851. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 554, as TILLOMORPHINAE), generally accepted as in Adlbauer et al. (2010: 206, as TILLOMORPHINI); this name was incorrectly credited to Pascoe, 1869 by Bousquet et al. (2009: 56). EPIPEDOCERINI Gahan, 1906: 305 [stem: *Epipedocer-*]. Type genus: *Epipedocera* Chevrolat, 1863.

Tribe TORNEUTINI Thomson, 1861

TORNEUTITAE J. Thomson, 1861: 272 [stem: *Torneut-*]. Type genus: *Torneutes* Reich, 1838.

THAUMASIDAE J. Thomson, 1864: 313 [stem: *Thaumas-*]. Type genus: *Thaumasus* Reiche, 1853.

Tribe TRACHYDERINI Dupont, 1836

TRACHYDÉRIDES Dupont, 1836: 1 [stem: *Trachyder-*]. Type genus: *Trachyderes* Dalman, 1817.

Subtribe ANCYLOCERINA Thomson, 1864

ANCYLOCERITAE J. Thomson, 1864: 210 [stem: *Ancylocer-*]. Type genus: *Ancylocera* Audinet-Serville, 1834.

Subtribe TRACHYDERINA Dupont, 1836

TRACHYDÉRIDES Dupont, 1836: 1 [stem: *Trachyder-*]. Type genus: *Trachyderes* Dalman, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 209, as TRACHYDERITAE), generally accepted as in Monné (1994b: 16, as TRACHYDERINI).

PURPURICENITAE J. Thomson, 1861: 203 [stem: *Purpuricen-*]. Type genus: *Purpuricenus* Dejean, 1821.

TYLOSITAE J. Thomson, 1861: 205 [stem: *Tylose-*]. Type genus: *Tylosis* J. L. LeConte, 1850. Comment: incorrect original stem formation, not in prevailing usage.

- SPHAENOTHECITAE J. Thomson, 1861: 212 [stem: *Sphaenothec-*]. Type genus: *Sphaenothecus* Dupont, 1838.
- MEGADERITAE J. Thomson, 1861: 213 [stem: *Megader-*]. Type genus: *Megaderus* Dejean, 1821.
- ERIPHITAE J. Thomson, 1864: 200 [stem: *Eriph-*]. Type genus: *Eriphus* Audinet-Serville, 1834.
- PTERACANTHITAE J. Thomson, 1864: 255 [stem: *Pteracanth-*]. Type genus: *Pteracantha* Newman, 1838.
- METOPOCOILITAE J. Thomson, 1864: 255 [stem: *Metopocoil-*]. Type genus: *Metopocoilus* Audinet-Serville, 1832.
- STERNACANTHITAE J. Thomson, 1864: 259 [stem: *Sternacanth-*]. Type genus: *Sternacanthus* Audinet-Serville, 1832.
- TROPIDOSOMITAE J. Thomson, 1864: 256 [stem: *Tropidosomat-*]. Type genus: *Tropidosoma* Perty, 1832. Comment: incorrect original stem formation, not in prevailing usage.
- POECILOPÉPLIDES Lacordaire, 1868: 404 [stem: *Poecilopepl-*]. Type genus: *Poecilopeplus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 449, as POECILOPEPLINI).
- *DORCACÉRIDES Lacordaire, 1868: 404 [stem: *Dorcacer-*]. Type genus: *Dorcacerus* Dejean, 1821. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1868).
- STÉNASPIDES Lacordaire, 1868: 404 [stem: *Stenaspid-*]. Type genus: *Stenaspis* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1869b: 653, as STENASPIDINAE), generally accepted as in Aurivillius (1912: 457, as STENASPINI); incorrect original stem formation, not in prevailing usage.
- PARISTÉMIIDES Lacordaire, 1868: 404 [stem: *Paristemi-*]. Type genus: *Paristemia* Westwood, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte (1873: 309, as PARISTEMIINI).
- DORCACERINAE H. W. Bates, 1870: 430 [stem: *Dorcacer-*]. Type genus: *Dorcacerus* Dejean, 1821. Comment: Aurivillius (1912: 476) used the spelling DORCDOCERINI but this was based on *Docadocerus*, which is an incorrect subsequent spelling of the type genus name.

Tribe TRAGOCERINI Pascoe, 1867

- TRAGOCERINAE Pascoe, 1867a: 125 [stem: *Tragocer-*]. Type genus: *Tragocerus* Latreille, 1829.

Tribe TRICHOMESIINI Aurivillius, 1912

TRICHOMESIINI Aurivillius, 1912: 276 [stem: *Trichomesi*-]. Type genus: *Trichomesia* Pascoe, 1859.

Tribe TROPICALYMMATINI Lacordaire, 1868

TROPICALYMMIDES Lacordaire, 1868: 408 [stem: *Tropocalymmat*-]. Type genus: *Tropocalymma* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 150, as TROPICALYMMATINI); incorrect original stem formation, not in prevailing usage.

Tribe TYPHOCESINI Lacordaire, 1868

TYPHOCÉSIDES Lacordaire, 1868: 539 [stem: *Typhoces*-]. Type genus: *Typhoces* Pascoe, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1912: 296, as TYPHOCESINI).

Tribe UNXIINI Napp, 2007

UNXIINI Napp, 2007: 312 [stem: *Unxi*-]. Type genus: *Unxia* J. Thomson, 1861.

Tribe URACANTHINI Blanchard, 1853

*URACANTITAS Blanchard, 1851b: 475 [stem: *Uracanth*-]. Type genus: *Uracanthus* Hope, 1833 [*Uracanthus* is an incorrect subsequent spelling of *Uracantha* Hope, 1833 (p. 64), first used by Hope (1834: 108), in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1851b); incorrect original stem formation, not in prevailing usage.

URACANTHITAE Blanchard, 1853: 264 [stem: *Uracanth*-]. Type genus: *Uracanthus* Hope, 1833 [*Uracanthus* is an incorrect subsequent spelling of *Uracantha* Hope, 1833 (p. 64), first used by Hope (1834: 108), in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].

RHINOPHTHALMITAE J. Thomson, 1861: 152 [stem: *Rhinophthalm*-]. Type genus: *Rhinophthalmus* J. Thomson, 1861.

Tribe VESPERELLINI Sama, 2008

VESPERELLINI Sama, 2008: 227 [stem: *Vesperell*-]. Type genus: *Vesperella* Dayrem, 1933.

Tribe XYSTROCERINI Blanchard, 1845

XYSTROCÉRITES Blanchard, 1845b: 147 [stem: *Xystrocer*-]. Type genus: *Xystrocera* Audinet-Serville, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1861: 249, as

XYSTROCERITAE), generally accepted as in Martins and Carvalho (1984: 214, as XYSTROCERINI).

Subfamily LAMIINAE Latreille, 1825

LAMIARIAE Latreille, 1825: 401 [stem: *Lami*–]. Type genus: *Lamia* Fabricius, 1775.

Tribe ACANTHOCININI Blanchard, 1845

*AEDILAIRES Mulsant, 1839: 142 [stem: *Aedil*–]. Type genus: *Aedilis* Audinet-Serville, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

ACANTHOCINITES Blanchard, 1845b: 154 [stem: *Acanthocin*–]. Type genus: *Acanthocinus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 289, as ACANTHOCINITEAE), generally accepted as in Monné (1995a: 1, as ACANTHOCININI).

TRYPANIDIITAE J. Thomson, 1860a: 7 [stem: *Trypanidi*–]. Type genus: *Trypanidius* Blanchard, 1846.

DECTITAE J. Thomson, 1860a: 127 [stem: *Dect*–]. Type genus: *Dectes* J. L. LeConte, 1852.

*ASTYNOMAIRES Mulsant, 1863b: 286 [stem: *Astynom*–]. Type genus: *Astynomus* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Mulsant (1863b).

LAGOCHEIRINAE H. W. Bates, 1863: 100 [stem: *Lagocheir*–]. Type genus: *Lagocheirus* Dejean, 1835.

LIOPIDAE J. L. LeConte, 1873: 338 [stem: *Leiopod*–]. Type genus: *Leiopus* Audinet-Serville, 1835 [as *Liopus*, unjustified emendation of type genus name by Agassiz (1846b: 204), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

GRAPHISURINI Leng, 1920: 283 [stem: *Graphisur*–]. Type genus: *Graphisurus* Kirby, 1837.

ASTYNOMINI Portevin, 1927: 39 [stem: *Astynom*–]. Type genus: *Astynomus* Dejean, 1835.

Tribe ACANTHODERINI Thomson, 1860

ACANTHODERITAE J. Thomson, 1860a: 5 [stem: *Acanthoder*–]. Type genus: *Acanthoderes* Audinet-Serville, 1835. Comment: First Reviser (ACANTHODERINI J. Thomson, 1860 vs DRYOCTENINI J. Thomson, 1860 vs OREODERINI J. Thomson, 1860) not determined, current usage maintained.

DRYOCTENITAE J. Thomson, 1860a: 29 [stem: *Dryocten*–]. Type genus: *Dryoctenes* Audinet-Serville, 1835.

OREODERITAE J. Thomson, 1860a: 29 [stem: *Oreoder*–]. Type genus: *Oreodera* Audinet-Serville, 1835.

HOPLOSIAE J. L. LeConte and G. H. Horn, 1883: 326 [stem: *Oplosi*-.] Type genus: *Oplosia* Mulsant, 1863 [as *Hoplosia*, unjustified emendation of type genus name by Fairmaire (1864), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ACMOCERINI Thomson, 1864

ACMOCERITAE J. Thomson, 1864: 57 [stem: *Acmocer*-.] Type genus: *Acmocera* Dejean, 1835.

Tribe ACRIDOCEPHALINI Dillon and Dillon, 1959

ACRIDOCEPHALIDI E. S. Dillon and L. S. Dillon, 1959a: 49 [stem: *Acridocephal*-.] Type genus: *Acridocephala* Chevrolat, 1855.

Tribe ACROCININI Swainson, 1840

ACROCININAE Swainson, 1840: 287 [stem: *Acrocin*-.] Type genus: *Acrocinus* Illiger, 1806. Comment: this family-group name was incorrectly credited to Swainson and Shuckard (1840) by Bousquet et al. (2009: 24).

Tribe ADERPASINI Breuning and Teocchi, 1978

ADERPASINI Breuning and Teocchi, 1978: 142 [stem: *Aderpas*-.] Type genus: *Aderpas* J. Thomson, 1864.

Tribe AERENICINI Lacordaire, 1872

AERÉNICIDES Lacordaire, 1872: 897 [stem: *Aerenic*-.] Type genus: *Aerenica* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1872: 248, as AERENICINAE), generally accepted as in Aurivillius (1923: 596, as AERENICINI).

Tribe AGAPANTHIINI Mulsant, 1839

AGAPANTHAIRIES Mulsant, 1839: 172 [stem: *Agapanthi*-.] Type genus: *Agapanthia* Audinet-Serville, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1884: 255, as AGAPANTHINAE [incorrect stem formation]), generally accepted as in Aurivillius (1923: 458, as AGAPANTHIINI); incorrect original stem formation, not in prevailing usage.

HIPPOPSITAE J. Thomson, 1860a: 123 [stem: *Hippopse*-.] Type genus: *Hippopsis* Lepeletier and Audinet-Serville, 1828. Comment: incorrect original stem formation, not in prevailing usage.

NEMOTRAGITAE J. Thomson, 1864: 93 [stem: *Nemotrag*-.] Type genus: *Nemotragus* Westwood, 1843.

ANAUXESITAE J. Thomson, 1864: 94 [stem: *Anauxese*-.] Type genus: *Anauxesis* J. Thomson, 1857. Comment: incorrect original stem formation, not in prevailing usage.

- APROSOPITAE J. Thomson, 1864: 95 [stem: *Aprosop-*]. Type genus: *Aprosopus* Guérin-Méneville, 1844.
- AEGOPREPINAE Pascoe, 1871: 277 [stem: *Aegoprep-*]. Type genus: *Aegoprepes* Pascoe, 1871.
- PACHYPÉZIDES Lacordaire, 1872: 691 [stem: *Pachypez-*]. Type genus: *Pachypeza* Audinet-Serville, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in L. S. Dillon and E. S. Dillon (1945: 12, as PACHYPEZINI).
- SPALACOPSIDES Lacordaire, 1872: 701 [stem: *Spalacopse-*]. Type genus: *Spalacopsis* Newman, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gahan (1890: 325, as SPALACOPSINAE), generally accepted as in Aurivillius (1923: 360, as SPALACOPSINI); incorrect original stem formation, not in prevailing usage.
- DIDYMONYCHINI Aurivillius, 1922b: 31 [stem: *Didymonych-*]. Type genus: *Didymonycha* Aurivillius, 1922 [syn. of *Amillarus* J. Thomson, 1857].
- *AMILLARINEN Aurivillius, 1926a: 22 [stem: *Amillar-*]. Type genus: *Amillarus* J. Thomson, 1857. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.
- HIPPOPSICONINI L. S. Dillon and E. S. Dillon, 1945: 11 [stem: *Hippopsicon-*]. Type genus: *Hippopsicon* J. Thomson, 1858.

Tribe AMPHOECINI Breuning, 1951

- AMPHOECINI Breuning, 1951a: 5 [stem: *Amphoec-*]. Type genus: *Amphoecus* Montrouzier, 1861.

Tribe ANCITINI Aurivillius, 1917

- ANCITINI Aurivillius, 1917: 28 [stem: *Ancit-*]. Type genus: *Ancita* J. Thomson, 1864.

Tribe ANCYLONOTINI Lacordaire, 1869

- ANCYLONOTIDES Lacordaire, 1869: 391 [stem: *Ancylonot-*]. Type genus: *Ancylonotus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1871: 268, as ANCYLONOTINAE), generally accepted as in Aurivillius (1922a: 152, as ANCYLONOTINI).

Tribe ANISOCERINI Thomson, 1860

- ANISOCERITAE J. Thomson, 1860a: 31 [stem: *Anisocer-*]. Type genus: *Anisocerus* Lacordaire, 1830.
- ONYCHOCERITAE J. Thomson, 1864: 19 [stem: *Onychocer-*]. Type genus: *Onychocerus* Lacordaire, 1830.
- PLATYSTERNIDES Lacordaire, 1872: 729 [stem: *Platystern-*]. Type genus: *Platysternus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 371,

as PLATYSTERNINI); junior homonym of the turtle family PLATYSTERNIDAE Gray, 1869 (type genus *Platysternon* Gray, 1831) which is currently used as valid; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe APOMECCYNINI Thomson, 1860

APOMECCYNITAE J. Thomson, 1860a: 66 [stem: *Apomeccyn-*]. Type genus: *Apomeccyna* Dejean, 1821. Comment: name incorrectly spelled APOMECCYNITAE on page 3 but correct spelling used on pages 42, 66 and 68 of the original publication.

ADÉTIDES Lacordaire, 1872: 592 [stem: *Adet-*]. Type genus: *Adetus* J. L. LeConte, 1852. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 288, as ADETINI).

*AGENNOPSIDES Lacordaire, 1872: 592 [stem: *Agennopse-*]. Type genus: *Agennopsis* J. Thomson, 1857 [syn. of *Adetus* J. L. LeConte, 1852]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

PTÉRICOPTIDES Lacordaire, 1872: 601 [stem: *Ptericopt-*]. Type genus: *Ptericoptus* Lacordaire, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gestro (1876: 140, as PTÉRICOPTINI), generally accepted as in Aurivillius (1922a: 294, as PTÉRICOPTINI).

ECTATOSIDES Lacordaire, 1872: 708 [stem: *Ectatosi-*]. Type genus: *Ectatosia* Pascoe, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 363, as ECTATOSIINI).

ISCHIOLONCHIDES Lacordaire, 1872: 709 [stem: *Ischiolonch-*]. Type genus: *Ischioloncha* J. Thomson, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 364, as ISCHIOLONCHINI).

Tribe ASTATHINI Thomson, 1864

*TÉTRAOPHTHALMITES Blanchard, 1845b: 160 [stem: *Tetraophthalm-*]. Type genus: *Tetraophthalmus* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Sama (2010: 56, as TETRAOPHTHALMINI) but not generally accepted as valid.

ASTATHITAE J. Thomson, 1864: 117 [stem: *Astath-*]. Type genus: *Astathes* Newman, 1842 [syn. of *Tetraophthalmus* Dejean, 1835]. Comment: published before October 1864; this family-group name was also used in the same year by Pascoe (1864 [before 3 October]: 8, as ASTHATEINAE [incorrect stem formation]); Pascoe (1864: 81, 85) refers to the publication by J. Thomson (1864) which is further evidence that the publication by Thomson was published first; this tribe name was incorrectly credited to Pascoe (1864) by Bousquet et al. (2009: 26).

Tribe BATOCERINI Thomson, 1864

BATOCERITAE J. Thomson, 1864: 74 [stem: *Batocer*-.] Type genus: *Batocera* Dejean, 1835.

Tribe CALLIINI Thomson, 1864

CALLITAE J. Thomson, 1864: 123 [stem: *Calli*-.] Type genus: *Callia* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

GRYLLICIDES Lacordaire, 1872: 902 [stem: *Gryllic*-.] Type genus: *Gryllica* J. Thomson, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by H. W. Bates (1874a: 234, as GRYLLICINAE), generally accepted as in Aurivillius (1923: 604, as GRYLLICINI).

Tribe CEROPLESINI Thomson, 1860

CEROPLESITAE J. Thomson, 1860a: 95 [stem: *Ceroples*-.] Type genus: *Ceroplesis* Audinet-Serville, 1835 [placed on the Official List of Generic Names in Zoology (ICZN 1986c)].

Subtribe CEROPLESINA Thomson, 1860

CEROPLESITAE J. Thomson, 1860a: 95 [stem: *Ceroples*-.] Type genus: *Ceroplesis* Audinet-Serville, 1835 [placed on the Official List of Generic Names in Zoology (ICZN 1986c)].

Subtribe CROSSOTINA Thomson, 1864

CROSSOTITAE J. Thomson, 1864: 64 [stem: *Crossot*-.] Type genus: *Crossotus* Audinet-Serville, 1835. Comment: downgraded to subtribe by Sama (2008: 235).

ÉCYROSCHÉMIDES Lacordaire, 1872: 503 [stem: *Ecyroschemat*-.] Type genus: *Ecyroschema* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 241, as ECYROSCHেমINI); incorrect original stem formation, not in prevailing usage.

HÉCYRIDIDES Lacordaire, 1872: 517 [stem: *Hecyrid*-.] Type genus: *Hecyrida* J. Thomson, 1860 [syn. of *Hecyra* J. Thomson, 1857]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 318, as HECYRIDINAE), generally accepted as in Aurivillius (1922a: 243, as HECYRINI).

CORYNOFREINAE Aurivillius, 1911a: 37 [stem: *Corynofre*-.] Type genus: *Corynofrea* Aurivillius, 1911.

Tribe CLONIOCERINI Lacordaire, 1872

CLONIOCÉRIDES Lacordaire, 1872: 590 [stem: *Cloniocer*-.] Type genus: *Cloniocerus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form and generally accepted as in Aurivillius (1922a: 287, as CLONIOCERINI).

Tribe COLOBOTHEINI Thomson, 1860

COLOBOTHEITAE J. Thomson, 1860a: 18 [stem: *Colobothe-*]. Type genus: *Colobothea* Lapeletier and Audinet-Serville, 1825 [*Colobothea* is an incorrect subsequent spelling of the original spelling *Colobotea*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)].

Tribe COMPSOSOMATINI Thomson, 1857

COMPSOSOMITES J. Thomson, 1857b: 70 [stem: *Compsosomat-*]. Type genus: *Compsosoma* Lacordaire, 1830. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1860a: 34, as COMPSOSOMITAE), generally accepted as in Aurivillius (1923: 336, as COMPSOSOMATINI); incorrect original stem formation, not in prevailing usage.

AERENEITES J. Thomson, 1868: 92 [stem: *Aerene-*]. Type genus: *Aerenea* J. Thomson, 1857 [*Aerenea* is an incorrect subsequent spelling of the original spelling *Aerenaea*, introduced by J. Thomson (1860a: 34), in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gounelle (1908: 7, as AERENEINAE), generally accepted as in Aurivillius (1923: 338, as AERENEINI).

Tribe CYRTININI Thomson, 1864

CYRTINITAE J. Thomson, 1864: 41 [stem: *Cyrtin-*]. Type genus: *Cyrtinus* J. L. LeConte, 1852.

ACANTHOMEROSTERNOPLOININI Tippmann, 1956: 10 [stem: *Acanthomerosternopl-*]. Type genus: *Acanthomerosternoplon* Tippmann, 1955 [syn. of *Omosarotes* Pascoe, 1860]. Comment: incorrect original stem formation, not in prevailing usage.

SCOPADINI Villiers, 1980: 587 [stem: *Scopad-*]. Type genus: *Scopadus* Pascoe, 1857.

Tribe DESMIPHORINI Thomson, 1860

DESMIPHORITAE J. Thomson, 1860a: 74 [stem: *Desmiphor-*]. Type genus: *Desmiphora* Audinet-Serville, 1835.

*ANAESTHÉTITES Fairmaire, 1864: 166 [stem: *Anaesthet-*]. Type genus: *Anaesthetis* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

MÉTONIDES Lacordaire, 1869: 387 [stem: *Metont-*]. Type genus: *Meton* Pascoe, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 150, as MÉTONINI); incorrect original stem formation, not in prevailing usage.

HEBESECINAE Pascoe, 1871: 277 [stem: *Hebesecid-*]. Type genus: *Hebesecis* Pascoe, 1865. Comment: incorrect original stem formation, not in prevailing usage.

- AMYMOMIDES Lacordaire, 1872: 468 [stem: *Amymom-*]. Type genus: *Amymoma* Pascoe, 1866 [preoccupied genus name, not *Amymoma* Latreille, 1797 [Crustacea]; syn. of *Neoamymoma* Marinoni, 1977]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 218, as AMYMOMINI); permanently invalid (Art. 39): based on preoccupied type genus.
- CRINOTARSIDES Lacordaire, 1872: 475 [stem: *Crinotars-*]. Type genus: *Crinotarsus* Blanchard, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 229, as CRINOTARSINI).
- ÉPICASTIDES Lacordaire, 1872: 490 [stem: *Epicast-*]. Type genus: *Epicasta* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 237, as EPICASTINI).
- APODASYIDES Lacordaire, 1872: 623 [stem: *Apodasy-*]. Type genus: *Apodasya* Pascoe, 1863 [the genus name *Chaetosoma* Chevrolat, 1843: 367 is a senior objective synonym of *Apodasya* Pascoe and should be used as valid based on the Principle of Priority; *Chaetosoma* Chevrolat, 1843 is also a senior homonym of the well-established *Chaetosoma* Westwood, 1851, which is the type genus of CHAETOSOMATIDAE Crowson, 1952 used as valid in CUCUJOIDEA; because the discovery of the available name *Chaetosoma* Chevrolat, 1843 causes problems for well-established names in CUCUJOIDEA and CERAMBYCIDAE, an application was recently submitted by Bousquet and Bouchard (2010) to suppress it for the Principles of Priority and Homonymy (see Appendix 6)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 321, as APODASINAE [incorrect stem formation]), generally accepted as in Aurivillius (1922a: 305, as APODASYINI).
- NÉDINIDES Lacordaire, 1872: 635 [stem: *Nedin-*]. Type genus: *Nedine* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 317, as NEDININI).
- ESTOLIDES Lacordaire, 1872: 636 [stem: *Estol-*]. Type genus: *Estola* Fairmaire and Germain, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 340, as ESTOLAE), generally accepted as in Aurivillius (1922a: 317, as ESTOLINI).
- PSENO CERINI J. L. LeConte, 1873: 333 [stem: *Psenocer-*]. Type genus: *Psenocerus* J. L. LeConte, 1852.
- EUPOGONII J. L. LeConte, 1873: 342 [stem: *Eupogoni-*]. Type genus: *Eupogonius* J. L. LeConte, 1852.
- ESSISINI Aurivillius, 1917: 44 [stem: *Essis-*]. Type genus: *Essisus* Pascoe, 1866.
- VELORINI Aurivillius, 1917: 32 [stem: *Velor-*]. Type genus: *Velora* J. Thomson, 1864.

Tribe DORCADIONINI Swainson, 1840

DORCADIONINAE Swainson, 1840: 290 [stem: *Dorcadi*]-. Type genus: *Dorcadion* Dalman, 1817. Comment: this family-group name was incorrectly credited to Swainson and Shuckard (1840) by Bousquet et al. (2009: 29); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Dorcadi*-; see Vives and Alonso-Zarazaga 2000: 659); tribe placed in synonymy with LAMIINI by Sama (2008: 233).

DORCADODIIDAE Gistel, 1856a: 376 [stem: *Dorcadodi*]-. Type genus: *Dorcadodium* Gistel, 1856 [this name is a senior synonym of *Carinatodorcadion* Breuning, 1943 (see Vives and Alonso-Zarazaga 2000: 659 for type species designation of *Dorcadodium* Gistel); we could not find enough references to treat *Dorcadodium* Gistel, 1856 as a *nomen oblitum*, however we believe that an application should be submitted to the Commission to preserve usage of *Carinatodorcadion* Breuning, 1943].

Tribe DORCASHEMATINI Thomson, 1860

DORCASHEMATIAE J. Thomson, 1860a: 107 [stem: *Dorcaschemat*]-. Type genus: *Dorcaschema* Haldeman, 1847. Comment: incorrect original stem formation, not in prevailing usage; name spelled DORCHASHEMATIAE on page 104 but spelled DORCASHEMATIAE on pages 4 and 107 of the original publication.

PROTONARTHRONITAE J. Thomson, 1864: 57 [stem: *Protonarthr*]-. Type genus: *Protonarthron* J. Thomson, 1858. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ELYTRACANTHININI Bousquet, 2009

ELYTRACANTHINAE Lane, 1955: 281 [stem: *Elytracanth*]-. Type genus: *Elytracantha* Lane, 1955 [preoccupied type genus, not *Elytracantha* Kleine, 1915 [Coleoptera: BRENTIDAE]; syn. of *Elytracanthina* Monné, 2005]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ELYTRACANTHININI Bousquet, 2009: 30 [stem: *Elytracanthin*]-. Type genus: *Elytracanthina* Monné, 2005. Comment: replacement name for ELYTRACANTHINAE Lane, 1955 because of the homonymy of the type genus.

Tribe ENICODINI Thomson, 1864

ENICODITAE J. Thomson, 1864: 36 [stem: *Enicod*]-. Type genus: *Enicodes* Gray, 1832. Comment: First Reviser (ENICODINI J. Thomson, 1864 vs NEMASCHEMATINI J. Thomson, 1864 vs LEPTONOTINI J. Thomson, 1864) not determined, current usage maintained.

NEMASCHEMATIAE J. Thomson, 1864: 36 [stem: *Nemaschemat*]-. Type genus: *Nemaschema* J. Thomson, 1861. Comment: incorrect original stem formation, not in prevailing usage.

LEPTONOTITAE J. Thomson, 1864: 36 [stem: *Leptonot*]-. Type genus: *Leptonota* J. Thomson, 1861.

- *ÉNOTIDES Lacordaire, 1872: 487 [stem: *Enotet*-.]. Type genus: *Enotes* J. Thomson, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.

Tribe EUPROMERINI Galileo and Martins, 1995

- EUPROMERINI Galileo and Martins, 1995: 132 [stem: *Eupromer*-.]. Type genus: *Eupromera* Westwood, 1845.

Tribe FORSTERIINI Tippmann, 1960

- HEBESTOLITAE J. Thomson, 1864: 107 [stem: *Hebestol*-.]. Type genus: *Hebestola* Blanchard, 1851 [preoccupied genus name, not *Hebestola* Haldeman, 1847 [Coleoptera: CERAMBYCIDAE: LAMIINAE: MONOCHAMINI]; syn. of *Neohebestola* Marinoni, 1977]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- FORSTERIINI Tippmann, 1960: 210 [stem: *Forsteri*-.]. Type genus: *Forsteria* Tippmann, 1960 [syn. of *Falsamblesthis* Breuning, 1959].
- FALSAMBLESTHIINI Gilmour, 1961: 131 [stem: *Falsamblesth*-.]. Type genus: *Falsamblesthis* Breuning, 1959. Comment: name proposed to replace FORSTERIINI Tippmann, 1960 because of the synonymy of the type genus; however, because the name was proposed after 1960, it cannot be maintained (Art. 40.2); incorrect original stem formation, not in prevailing usage.

Tribe GNOMINI Thomson, 1860

- GNOMITAE J. Thomson, 1860a: 105 [stem: *Gnom*-.]. Type genus: *Gnoma* Fabricius, 1801.

Tribe GYARITINI Breuning, 1950

- GYARITINI Breuning, 1950c: 27 [stem: *Gyarit*-.]. Type genus: *Gyaritus* Pascoe, 1858.

Tribe HELIOLINI Breuning, 1951

- HELIOLINI Breuning, 1951a: 8 [stem: *Heliol*-.]. Type genus: *Heliolus* Fauvel, 1907.

Tribe HEMILOPHINI Thomson, 1868 *nomen protectum*

- AMPHIONYCHITAE J. Thomson, 1860a: 63 [stem: *Amphionych*-.]. Type genus: *Amphionycha* Dejean, 1835 [syn. of *Adesmus* Lepeletier and Audinet-Serville, 1825]. Comment: *nomen oblitum* (see Bousquet et al. 2009: 31).
- HEMILOPHITAE J. Thomson, 1868: 189 [stem: *Hemiloph*-.]. Type genus: *Hemilophus* Audinet-Serville, 1835. Comment: *nomen protectum* (see Bousquet et al. 2009: 31).
- ITESINI Lepesme, 1943: 137 [stem: *It*-.]. Type genus: *Ites* C. O. Waterhouse, 1880. Comment: incorrect original stem formation, not in prevailing usage; the tribe ITINI Reitter, 1913 (type genus *Ita* Tournier, 1878), which is based on the same stem, is currently used as valid in Coleoptera: CURCULIONIDAE.

Tribe HOMONOEINI Thomson, 1864

HOMONAEITAE J. Thomson, 1864: 35 [stem: *Homonoe*-.] Type genus: *Homonoea* Newman, 1842 [as *Homonaea*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

BUMÉTOPIDES Lacordaire, 1872: 477 [stem: *Bumetopi*-.] Type genus: *Bumetopia* Pascoe, 1858. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gestro (1876: 140, as BUMETOPINI [incorrect stem formation]), generally accepted as in Aurivillius (1922a: 231, as BUMETOPINI [incorrect stem formation]); incorrect original stem formation, not in prevailing usage.

Tribe HYBORHABDINI Aurivillius, 1911

HYBORHABDINAE Aurivillius, 1911b: 22 [stem: *Hyborhabd*-.] Type genus: *Hyborhabdus* Aurivillius, 1911.

Tribe LAMIINI Latreille, 1825

LAMIARIAE Latreille, 1825: 401 [stem: *Lami*-.] Type genus: *Lamia* Fabricius, 1775.

PACHYSTOLAEIDAE Gistel, 1848: [9] [stem: *Pachystol*-.] Type genus: *Pachystola* Dejean, 1835 [syn. of *Lamia* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

PHRISSOMITAE J. Thomson, 1860a: 22 [stem: *Phrissomat*-.] Type genus: *Phrissoma* Dejean, 1835. Comment: incorrect original stem formation, not in prevailing usage; J. Thomson originally spelled the family-group name PHRYSSOMITAE on page 25, however the spelling PHRISSOMITAE was used on pages 2 and 22 in the same publication; tribe placed in synonymy with LAMIINI by Sama (2008: 233).

MORIMITAE J. Thomson, 1864: 77 [stem: *Morim*-.] Type genus: *Morimus* Brullé, 1832.

POTEMNEMINI Aurivillius, 1922a: 117 [stem: *Potemnem*-.] Type genus: *Potemnemus* J. Thomson, 1864.

Tribe LATICRANIINI Lane, 1959

LATICRANIINAE Lane, 1959: 312 [stem: *Laticrani*-.] Type genus: *Laticranium* Lane, 1959.

Tribe MAUESIINI Lane, 1956

MAUESINAE Lane, 1956: 19 [stem: *Mauesi*-.] Type genus: *Mauesia* Lane, 1956. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MEGABASINI Thomson, 1860

MEGABASITAE J. Thomson, 1860a: 30 [stem: *Megabas*-.] Type genus: *Megabasis* Audinet-Serville, 1835. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Megabase*-).

Tribe MESOSINI Mulsant, 1839

MÉSOSAIRE Mulsant, 1839: 165 [stem: *Mesos-*]. Type genus: *Mesosa* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Gistel (1848: [9], as MESOSAEIDAE [incorrect stem formation]), generally accepted as in López-Pérez (2006: 59, as MESOSINI).

Tribe MICROCYMATURINI Breuning and Teocchi, 1985

MICROCYMATURINI Breuning and Teocchi, 1985: 155 [stem: *Microcymatur-*]. Type genus: *Microcymatura* Breuning, 1950.

Tribe MONEILEMINI Thomson, 1864

MONEILEMITAE J. Thomson, 1864: 43 [stem: *Moneilem-*]. Type genus: *Moneilema* Say, 1824. Comment: current spelling maintained (Art. 29.5); incorrect original stem formation in prevailing usage (should be *Moneilemat-*).

Tribe MONOCHAMINI Gistel, 1848

MONOHAMMIDAE Gistel, 1848: [9] [stem: *Monocham-*]. Type genus: *Monochamus* Dejean, 1821 [as *Monohammus*, unjustified emendation of type genus name by Dejean (1835: 340), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

TAENIOTITAE J. Thomson, 1864: 76 [stem: *Taeniot-*]. Type genus: *Taeniotus* Audinet-Serville, 1835.

AGNITAE J. Thomson, 1864: 83 [stem: *Agni-*]. Type genus: *Agnia* Newman, 1842. Comment: incorrect original stem formation, not in prevailing usage.

GERANITAE J. Thomson, 1864: 93 [stem: *Gerani-*]. Type genus: *Gerania* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

PTYCHODES J. L. LeConte, 1873: 335 [stem: *Ptychod-*]. Type genus: *Ptychodes* Audinet-Serville, 1835.

GOES J. L. LeConte, 1873: 335 [stem: *Goet-*]. Type genus: *Goes* J. L. LeConte, 1852. Comment: incorrect original stem formation, not in prevailing usage.

DOCOHAMMIDI E. S. Dillon and L. S. Dillon, 1959b: 7 [stem: *Docohamm-*]. Type genus: *Docohammus* Aurivillius, 1908.

Tribe MORIMONELLINI Lobanov, Danilevsky and Murzin, 1981

MORIMONELLINI Lobanov et al., 1981: 790 [stem: *Morimonell-*]. Type genus: *Morimonella* Podany, 1979. Comment: description by indication (distinguishing characters given in Podany (1979: 43, as OLIGORCHINI)).

Tribe MORIMOPSINI Lacordaire, 1869

MORIMOPSIDES Lacordaire, 1869: 289 [stem: *Morimops-*]. Type genus: *Morimopsis* J. Thomson, 1857. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Aurivillius (1922a: 64,

as MORIMOPSINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Morimopse-*).

Tribe NYCTIMENIINI Gressitt, 1951

NYCTIMENITAE J. Thomson, 1864: 94 [stem: *Nyctimen-*]. Type genus: *Nyctimene* J. Thomson, 1857 [preoccupied genus name, not *Nyctimene* Borkenhausen, 1797 [Mammalia]; syn. of *Nyctimenius* Gressitt, 1951]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NYCTIMENIINI Gressitt, 1951: 629 [stem: *Nyctimeni-*]. Type genus: *Nyctimenius* Gressitt, 1951. Comment: replacement name for NYCTIMENINI J. Thomson, 1864 because of the homonymy of the type genus.

Tribe OBEREINI Thomson, 1864

OBEREITAE J. Thomson, 1864: 117 [stem: *Obere-*]. Type genus: *Oberea* Dejean, 1835. Comment: published before October 1864; this family-group name was also used in the same year by Pascoe (1864 [before 3 October]: 8, as OBEREITAE); Pascoe (1864: 81, 85) refers to the publication by J. Thomson (1864) which is further evidence that the publication by Thomson was published first; this tribe name was incorrectly credited to Pascoe (1864) by Bousquet et al. (2009: 33).

Tribe OCULARIINI Breuning, 1950

OCULARIINI Breuning, 1950a: 263 [stem: *Oculari-*]. Type genus: *Ocularia* Jordan, 1894.

Tribe ONCIDERINI Thomson, 1860

ONCIDERITAE J. Thomson, 1860a: 38 [stem: *Oncider-*]. Type genus: *Oncideres* Lacordaire, 1830 [*Oncideres* is an incorrect subsequent spelling of *Oncyderes* Lacordaire, 1830, introduced by Audinet-Serville (1835: 67), in prevailing usage and attributed to Lacordaire (1830b), e.g., Monné (2005b: 571), and so deemed to be the correct original spelling (Art. 33.3.1)]. Comment: First Reviser (ONCIDERINI J. Thomson, 1860 vs HYPsiOMATINI J. Thomson, 1860) not determined, current usage maintained.

HYPsiOMITAE J. Thomson, 1860a: 109 [stem: *Hypsiomat-*]. Type genus: *Hypsioma* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

HYPSELOMINAE Pascoe, 1864: 7 [stem: *Hypselom-*]. Type genus: *Hypselomus* Perty, 1832.

Tribe ONCIDEROPSIDINI Aurivillius, 1922

ONCIDEROPSIDINI Aurivillius, 1922c: 165 [stem: *Oncideropsid-*]. Type genus: *Oncideropsis* Aurivillius, 1922. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Oncideropse-*).

Tribe ONOCEPHALINI Thomson, 1860

ONOCEPHALITAE J. Thomson, 1860a: 120 [stem: *Onocephal-*]. Type genus: *Onocephala* J. Thomson, 1857.

Tribe ONYCHOGLENEINI Aurivillius, 1923

ONYCHOGLENEINI Aurivillius, 1923: 513 [stem: *Onychoglene-*]. Type genus: *Onychoglenea* Aurivillius, 1922.

Tribe PARMENINI Mulsant, 1839

PARMÉNAIRES Mulsant, 1839: 118 [stem: *Parmen-*]. Type genus: *Parmena* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1864: 38, as PARMENITAE), generally accepted as in Villiers (1978: 449, as PARMENINI).

HEXATHRICITAE J. Thomson, 1864: 38 [stem: *Hexatrich-*]. Type genus: *Hexatricha* A. White, 1846 [as *Hexathrica*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: the spelling HEXATHRICITAE (page 38) was corrected to HEXATHRICITAE on page 339 and in the errata (page 483) of the same work; the corrected spelling represents an incorrect original stem formation, not in prevailing usage.

*DORCADIDIDES Lacordaire, 1869: 257 [stem: *Dorcadid-*]. Type genus: *Dorcadida* A. White, 1846. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 241, as DORCADIDINI), but not generally accepted as valid.

Tribe PETROGNATHINI Blanchard, 1845

PÉTROGNATHITES Blanchard, 1845b: 160 [stem: *Petrognath-*]. Type genus: *Petrognatha* Leach, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 316, as PETROGNATHINAE), generally accepted as in Aurivillius (1922a: 205, as PETROGNATHINI).

*OMACANTHIDES Lacordaire, 1872: 447 [stem: *Omacanth-*]. Type genus: *Omacantha* Audinet-Serville, 1835 [syn. of *Petrognatha* Leach, 1819]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 243, as OMACANTHINI), but not generally accepted as valid; OMACANTHIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1872); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe PHACELLINI Lacordaire, 1872

PHACELLIDES Lacordaire, 1872: 664 [stem: *Phacell-*]. Type genus: *Phacellus* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gounelle (1908: 7, as PHACELLINAE), generally accepted as in Aurivillius (1923: 339, as PHACELLINI).

Tribe PHANTASINI Kolbe, 1897

*PHANTASIDES Lacordaire, 1869: 285 [stem: *Phantas-*]. Type genus: *Phantasis* J. Thomson, 1860. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1869).

PHANTASINAE Kolbe, 1897: 306 [stem: *Phantas-*]. Type genus: *Phantasis* J. Thomson, 1860. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Phantase-*).

PHANTASINI Hunt and Breuning, 1957: 51 [stem: *Phantas-*]. Type genus: *Phantasis* J. Thomson, 1860. Comment: family group name proposed as new without reference to PHANTASINAE Kolbe, 1897; current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Phantase-*).

Tribe PHRYNETINI Thomson, 1864

PHRYNETITAE J. Thomson, 1864: 71 [stem: *Phrynet-*]. Type genus: *Phrynet* Dejean, 1835.

Tribe PHYMASTERNINI Teocchi, 1989

PHYMASTERNINI Teocchi, 1989: 4 [stem: *Phymastern-*]. Type genus: *Phymasterna* Laporte, 1840 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 35)].

Tribe PHYTOECIINI Mulsant, 1839

PHYTOECIAIRES Mulsant, 1839: 191 [stem: *Phytoeci-*]. Type genus: *Phytoecia* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1864: 8, as PHYTOECIINAE), generally accepted as in Villiers (1978: 521, as PHYTOECIINI).

Tribe POGONOCHERINI Mulsant, 1839

POGONOCHEIRAIRE Mulsant, 1839: 151 [stem: *Pogonocher-*]. Type genus: *Pogonocherus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 340, as POGONOCHERINI), generally accepted as in Villiers (1978: 465, as POGONOCHERINI).

*EXOCENTRITES Fairmaire, 1864: 157 [stem: *Exocentr-*]. Type genus: *Exocentrus* Dejean, 1835. Comment: published early September 1864; original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Fairmaire (1864).

EXOCENTRINAE Pascoe, 1864: 7 [stem: *Exocentr-*]. Type genus: *Exocentrus* Dejean, 1835. Comment: published 3 October 1864.

ZAPLOI J. L. LeConte and G. H. Horn, 1883: 327 [stem: *Zaplo-*]. Type genus: *Zaplous* J. L. LeConte, 1878.

Tribe POLYRHAPHIDINI Thomson, 1860

POLYRHAPHITAE J. Thomson, 1860a: 30 [stem: *Polyrhaphid*-.] Type genus: *Polyrhaphis* Audinet-Serville, 1835. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PRETILIINI Martins and Galileo, 1990

PRETILIINI Martins and Galileo, 1990: 705, in key [stem: *Pretili*-.] Type genus: *Pretilia* H. W. Bates, 1866.

Tribe PROCTOCERINI Aurivillius, 1922

*CLINIIDES Lacordaire, 1872: 424 [stem: *Clini*-.] Type genus: *Clinia* J. Thomson, 1857 [syn. of *Proctocera* Chevrolat, 1855]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Breuning (1950d: 411, as CLINIINI), but not generally accepted as valid; CLINIIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1872); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PROCTOCERINI Aurivillius, 1922a: 182 [stem: *Proctocer*-.] Type genus: *Proctocera* Chevrolat, 1855.

Tribe PROSOPOCERINI Thomson, 1864

PROSOPOCERITAE J. Thomson, 1864: 72 [stem: *Prosopocer*-.] Type genus: *Prosopocera* Blanchard, 1845.

Tribe PTEROPLIINI Thomson, 1860

PTEROPLIITAE J. Thomson, 1860a: 73 [stem: *Pteropli*-.] Type genus: *Pteroplius* Lacordaire, 1830 [as *Pteroplia*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Pteroplius* is an incorrect subsequent spelling of *Pterhoplius* Lacordaire, 1830, introduced by Audinet-Serville (1835: 65), in prevailing usage and attributed to Lacordaire (1830b), e.g., Monné (2005b: 295), and so deemed to be the correct original spelling (Art. 33.3.1)].

ABRYNITAE J. Thomson, 1864: 44 [stem: *Abryn*-.] Type genus: *Abryna* Newman, 1842.

PROTORHOPALITAE J. Thomson, 1864: 69 [stem: *Protorhopal*-.] Type genus: *Protorhopala* J. Thomson, 1860.

NIPHONINAE Pascoe, 1864: 56 [stem: *Niphon*-.] Type genus: *Niphona* Mulsant, 1839.

ATAXIIDES Lacordaire, 1872: 597 [stem: *Ataxi*-.] Type genus: *Ataxia* Haldeman, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1873: 344, as ATAXIINI), generally accepted as in Aurivillius (1922a: 291, as ATAXIINI).

EMPHYTOECIIDES Lacordaire, 1872: 713 [stem: *Emphytoeci*-.] Type genus: *Emphytoecia* Fairmaire and Germain, 1860. Comment: original vernacular name

available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1923: 365, as EMPHYTOECIINI).

BAROEIDES Lacordaire, 1872: 439 [stem: *Barae*-]. Type genus: *Baraeus* J. Thomson, 1858 [as *Baroeus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: also spelled BARÉIDES on page 414 of the same work; original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 206, as BARAEINI).

ATOSSIDES Lacordaire, 1872: 496 [stem: *Atoss*-]. Type genus: *Atossa* J. Thomson, 1864 [syn. of *Grammoechus* J. Thomson, 1864]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 149, as ATOSSINI).

METAGNOMINI Aurivillius, 1925: 13 [stem: *Metagnom*-]. Type genus: *Metagnoma* Aurivillius, 1925.

Tribe RHODOPININI Gressitt, 1951

RHODOPIDES Lacordaire, 1872: 450 [stem: *Rhodopid*-]. Type genus: *Rhodopis* J. Thomson, 1857 [preoccupied genus name, not *Rhodopis* Reichenbach, 1854 [Aves]; syn. of *Rhodopina* Gressitt, 1951]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 210, as RHODOPINI); incorrect original stem formation, not in prevailing usage; permanently invalid (Art. 39): based on preoccupied type genus.

RHODOPININI Gressitt, 1951: 439 [stem: *Rhodopin*-]. Type genus: *Rhodopina* Gressitt, 1951. Comment: replacement name for RHODOPINI Lacordaire, 1872 because of the homonymy of the type genus.

Tribe SAPERDINI Mulsant, 1839

SAPERDAIRES Mulsant, 1839: 181 [stem: *Saperd*-]. Type genus: *Saperda* Fabricius, 1775 [placed on the Official List of Generic Names in Zoology (ICZN 1980)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Blanchard (1853: 299, as SAPERDITAE), generally accepted as in Aurivillius (1923: 468, as SAPERDINI).

GLENEÏTAE J. Thomson, 1864: 123 [stem: *Glene*-]. Type genus: *Glenea* Newman, 1842 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 37)].

Tribe STENOBIINI Breuning, 1950

STENOBIINI Breuning, 1950b: 305 [stem: *Stenobi*-]. Type genus: *Stenobia* Lacordaire, 1872.

Tribe STERNOTOMINI Thomson, 1860

*STELLOGNATHITES Blanchard, 1845b: 158 [stem: *Stellognath*-]. Type genus: *Stellognatha* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

STERNOTOMITAE J. Thomson, 1860a: 87 [stem: *Sternotom-*]. Type genus: *Sternotomis* Percheron, 1836 [*Sternodonta* Dejean, 1835, a senior synonym of *Sternotomis* Percheron, 1836, is a *nomen oblitum* and *Sternotomis* is a *nomen protectum* following Sama (2009a: 24)]. Comment: current spelling maintained (Art. 29.3.1.1): incorrect original stem formation in prevailing usage (should be *Sternotomid-*).

Tribe TAPEININI Thomson, 1857

TAPEINITES J. Thomson, 1857b: 41 [stem: *Tapein-*]. Type genus: *Tapeina* Lepeletier and Audinet-Serville, 1828. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1860a: 73, as TAPEINITAE), generally accepted as in Aurivillius (1922a: 236, as TAPEININI).

Tribe TETRAOPINI Thomson, 1860

TETRAOPESITAE J. Thomson, 1860a: 66 [stem: *Tetraop-*]. Type genus: *Tetraopes* Schönherr, 1817. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TETRAULAXINI Breuning and Teocchi, 1977

TETRAULAXINI Breuning and Teocchi, 1977: 881 [stem: *Tetraulax-*]. Type genus: *Tetraulax* Jordan, 1903. Comment: current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Tetraulac-*).

Tribe TETROPINI Portevin, 1927

*POLYOPSITES Mulsant, 1863b: 340 [stem: *Polyopsi-*]. Type genus: *Polyopsia* Mulsant, 1839 [syn. of *Tetrops* Stephens, 1829]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*TÉTROPIDES Planet, 1924: 326 [stem: *Tétrop-*]. Type genus: *Tetrops* Stephens, 1829 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 38)]. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899; the argument of Sama (2008: 240) that Planet's name is available, even if published after 1900 in a vernacular form, because it was used as valid in a latinized form and credited to Planet (1924) by Vives (2000: 508) is incorrect (see Bousquet et al. 2009: 38).

TETROPINI Portevin, 1927: 39, in key [stem: *Tetrop-*]. Type genus: *Tetrops* Stephens, 1829 [for comments on problems with the authorship and type species of this type genus see Bousquet et al. (2009: 38)].

Tribe THEOCRINI Lacordaire, 1872

THÉOCRIDES Lacordaire, 1872: 494 [stem: *Theocr-*]. Type genus: *Theocris* J. Thomson, 1858. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gahan (1890: 322, as THEOCRINAE), generally accepted as in Aurivillius (1922a: 238, as THEOCRIDINI [incorrect stem formation]).

Tribe TMESISTERNINI Blanchard, 1853

TMESISTERNITAE Blanchard, 1853: 274 [stem: *Tmesistern-*]. Type genus: *Tmesisternus* Latreille, 1829.

SPINGNOTHITAE J. Thomson, 1864: 31 [stem: *Sphingnot-*]. Type genus: *Sphingnotus* Perroud, 1855 [as *Spingnothus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

ICHTHYOSOMITAE J. Thomson, 1864: 33 [stem: *Ichthyosom-*]. Type genus: *Ichthyosomus* Boisduval, 1835.

*ARSYSIIDES Lacordaire, 1872: 479 [stem: *Arsysi-*]. Type genus: *Arsysia* Pascoe, 1867 [syn. of *Trigonoptera* Perroud, 1855]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Gestro (1876: 140, as ARSYSIINI), but not generally accepted as valid; ARSYSIIDAE was used as valid by Ienistea (1986: 30) but it was not attributed to Lacordaire (1872); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

TRIGONOPTERINI Aurivillius, 1922a: 229 [stem: *Trigonopter-*]. Type genus: *Trigonoptera* Perroud, 1855. Comment: replacement name for ARSYSIIDES Lacordaire, 1872 because of the synonymy of the type genus.

Tribe TRAGOCEPHALINI Thomson, 1857

TRAGOCEPHALITES J. Thomson, 1857b: 26 [stem: *Tragocephal-*]. Type genus: *Tragocephala* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. Thomson (1860a: 88, as TRAGOCEPHALITAE), generally accepted as in Aurivillius (1922a: 171, as TRAGOCEPHALINI).

Tribe XENICOTELINI Matsushita, 1933

XENICOTELINI Matsushita, 1933: 346 [stem: *Xenicotel-*]. Type genus: *Xenicotela* H. W. Bates, 1884.

Tribe XENOFREINI Aurivillius, 1923

XENOFREINI Aurivillius, 1923: 375 [stem: *Xenofre-*]. Type genus: *Xenofrea* H. W. Bates, 1885. Comment: this name has been attributed to H. W. Bates (1885: 373) in the literature but we did not find such a name in the Biologia Centrali-Americana or other publications by the same author.

Tribe XENOLEINI Lacordaire, 1872

XÉNOLÉIDES Lacordaire, 1872: 460 [stem: *Xenole-*]. Type genus: *Xenolea* J. Thomson, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Aurivillius (1922a: 216, as XENOLEINI).

Tribe XYLORHIZINI Lacordaire, 1872

XYLORHIZIDES Lacordaire, 1872: 443 [stem: *Xylorhiz*-.] Type genus: *Xylorhiza* Dejean, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 316, as XYLORRHIZINAE [incorrect stem formation]), generally accepted as in Aurivillius (1922a: 208, as XYLORHIZINI).

Tribe ZYGOCERINI Thomson, 1864

ZYGOCERITAE J. Thomson, 1864: 87 [stem: *Zygocer*-.] Type genus: *Zygocera* Erichson, 1842.

DISTERNINAE Pascoe, 1871: 268 [stem: *Distern*-.] Type genus: *Disterna* J. Thomson, 1864.

Family MEGALOPODIDAE Latreille, 1802

MEGALOPIDES Latreille, 1802: 227 [stem: *Megalopod*-.] Type genus: *Megalopus* Fabricius, 1801.

Subfamily MEGALOPODINAE Latreille, 1802

MEGALOPIDES Latreille, 1802: 227 [stem: *Megalopod*-.] Type genus: *Megalopus* Fabricius, 1801. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily PALOPHAGINAE Kuschel and May, 1990

PALOPHAGINAE Kuschel and May, 1990: 699 [stem: *Palophag*-.] Type genus: *Palophagus* Kuschel, 1990.

Subfamily ZEUGOPHORINAE Böving and Craighead, 1931

ZEUGOPHORINAE Böving and Craighead, 1931: 63, in key [stem: *Zeugophor*-.] Type genus: *Zeugophora* Kunze, 1818 [placed on the Official List of Generic Names in Zoology (ICZN 1986a)].

Family ORSODACNIDAE Thomson, 1859

ORSODACNIDAE C. G. Thomson, 1859: 154 [stem: *Orsodacn*-.] Type genus: *Orsodacne* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2002a)].

Subfamily ORSODACNINAE Thomson, 1859

ORSODACNIDAE C. G. Thomson, 1859: 154 [stem: *Orsodacn*-.] Type genus: *Orsodacne* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 2002a)]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily AULACOSCELIDINAE Chapuis, 1874

AULACOSCÉLITES Chapuis, 1874: 54 [stem: *Aulacoscelid*-.] Type genus: *Aulacoscelis* Duponchel et Chevrolat, 1842. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 245, as AULASCCELINAE), generally accepted as in Monrós (1959a: 18, as AULASCCELIDINAE); incorrect original stem formation, not in prevailing usage; a recent application by Santiago-Blay (2008) to conserve usage of the stem *Aulasccel-* was not approved by the Commission (ICZN 2010b).

Family CHRYSOMELIDAE Latreille, 1802

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)]. Comment: First Reviser (CHRYSOMELIDAE Latreille, 1802 vs BRUCHIDAE Latreille, 1802 vs GALERUCIDAE Latreille, 1802) not determined, current usage maintained.

Subfamily SAGRINAE Leach, 1815

SAGRIDA Leach, 1815: 113 [stem: *Sagr-*]. Type genus: *Sagra* Fabricius, 1792.

Tribe CARPOPHAGINI Chapuis, 1874

CARPOPHAGITES Chapuis, 1874: 36 [stem: *Carpophag-*]. Type genus: *Carpophagus* W. S. MacLeay, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 4, as CARPOPHAGINAE), generally accepted as in Clavareau (1913a: 6, as CARPOPHAGINI); the older name CARPOPHAGINAE Selby, 1835 (type genus *Carpophaga* Selby, 1835) is available in Aves (see Bock 1994: 139); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe DIAPHANOPSIDINI Monrós, 1958

DIAPHANOPSIDINI Monrós, 1958a: 7 [stem: *Diaphanopsid-*]. Type genus: *Diaphanops* Schönherr, 1845. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Seeno and Wilcox (1982: 17, 18) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1); current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Diaphanop-*).

Tribe MEGAMERINI Chapuis, 1874

MÉGAMÉRITES Chapuis, 1874: 30 [stem: *Megamer-*]. Type genus: *Megamerus* W. S. MacLeay, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 2, as MEGAMERINAE), generally accepted as in Clavareau (1913a: 4, as MEGAMERINI); First Reviser (MEGAMERINI Chapuis, 1874 vs AMETALLINI Chapuis, 1874 vs MECYNODERINI Chapuis, 1874) not determined, current usage maintained.

AMÉTALLITES Chapuis, 1874: 46 [stem: *Ametall-*]. Type genus: *Ametalla* Hope, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 1, as AMETALLINAE), generally accepted as in Clavareau (1913a: 12, as AMETALLINI).

MÉCYNODÉRITES Chapuis, 1874: 44 [stem: *Mecynoder-*]. Type genus: *Mecynodera* Hope, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1903: 1, as MECYNODERINAE), generally accepted as in Clavareau (1913a: 11, as MECYNODERINI).

Tribe SAGRINI Leach, 1815

SAGRIDA Leach, 1815: 113 [stem: *Sagr-*]. Type genus: *Sagra* Fabricius, 1792.

Subfamily BRUCHINAE Latreille, 1802

BRUCHELAE Latreille, 1802: 192 [stem: *Bruch-*]. Type genus: *Bruchus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology and older name *Bruchus* Geoffroy, 1762 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a)]. Comment: BRUCHIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

Tribe AMBLYCERINI Bridwell, 1932

AMBLYCERINAE Bridwell, 1932: 103, in key [stem: *Amblycer-*]. Type genus: *Amblycerus* Thunberg, 1815.

Subtribe AMBLYCERINA Bridwell, 1932

SPERMOPHAGIDAE Crotch, 1873b: 93 [stem: *Spermophag-*]. Type genus: *Spermophagus* sensu G. H. Horn, 1873 [not *Spermophagus* Schönherr, 1833; syn. of *Amblycerus* Thunberg, 1815]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principles of Priority and Homonymy (Art. 65.2.1); also see SPERMOPHAGINI Borowiec, 1987 below.

AMBLYCERINAE Bridwell, 1932: 103, in key [stem: *Amblycer-*]. Type genus: *Amblycerus* Thunberg, 1815. Comment: although this is the oldest name for the tribe, we recommend that an application be sent to the Commission in order to conserve usage of AMBLYCERINA Bridwell, 1932 because the older name SPERMOPHAGINA Crotch, 1873 is based on a misidentified type genus (Art. 65.2.1); MAAZ and CHCL will submit an application to the Commission in order to conserve the current concept of *Amblycerus* Thunberg, 1815 following the discovery of an overlooked type species designation that would alter the concept of the genus (also see Alonso-Zarazaga and Lyal (1999: 8, 23)).

Subtribe SPERMOPHAGINA Borowiec, 1987

SPERMOPHAGINI Borowiec, 1987: 27 [stem: *Spermophag-*]. Type genus: *Spermophagus* Schönherr, 1833. Comment: family-group name proposed as

new without reference to SPERMOPHAGIDAE Crotch, 1873; an application needs to be submitted to the Commission to suppress SPERMOPHAGIDAE Crotch, 1873 (based on the misidentified type genus *Spermophagus* sensu Horn, 1873) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

Tribe BRUCHINI Latreille, 1802

BRUCHELAE Latreille, 1802: 192 [stem: *Bruch-*]. Type genus: *Bruchus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology and older name *Bruchus* Geoffroy, 1762 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a)]. Comment: BRUCHIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

Subtribe ACANTHOSCELIDINA Bridwell, 1946

ACANTHOSCELIDINI Bridwell, 1946: 54, in key [stem: *Acanthoscelid-*]. Type genus: *Acanthoscelides* Schilsky, 1905. Comment: First Reviser (ACANTHOSCELIDINA Bridwell, 1946 vs BRUCHIDIINA Bridwell, 1946) not determined, current usage maintained; description of family-group name not unequivocal (Art. 13.1.1) but name treated as available (Art. 13.2.1); Bridwell (1946: 53) mentioned that he wanted to establish the two new tribes BRUCHIDIINI and ACANTHOSCELIDINI but he followed by saying that it was “premature to attempt a diagnosis” of these tribes; both tribal names were included in his key (p. 54) but their identification was not unequivocal; Bradley (1947: 37) noted that the new tribes BRUCHIDIINI and ACANTHOSCELIDINI were not diagnosed adequately by Bridwell (1946), however he did not cite Article 13 of the then current edition of the Code of Zoological nomenclature to treat those names as unavailable; since BRUCHIDIINI and ACANTHOSCELIDINI have been used as valid and attributed to Bridwell (1946) by subsequent authors, e.g., Bottimer (1968: 1028 and 1015 respectively), we have also treated those names as available here.

BRUCHIDIINI Bridwell, 1946: 54, in key [stem: *Bruchidi-*]. Type genus: *Bruchidius* Schilsky, 1905. Comment: description of family-group name not unequivocal (Art. 13.1.1) but name treated as available (Art. 13.2.1); see comment under ACANTHOSCELIDINI Bridwell, 1946.

Subtribe BRUCHINA Latreille, 1802

BRUCHELAE Latreille, 1802: 192 [stem: *Bruch-*]. Type genus: *Bruchus* Linnaeus, 1767 [placed on the Official List of Generic Names in Zoology and older name *Bruchus* Geoffroy, 1762 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a)]. Comment: BRUCHIDAE Latreille, 1802 placed on the Official List of Family-Group Names in Zoology (ICZN 1995a).

LARIIDAE Bedel, 1901: 341 [stem: *Lari*-]. Type genus: *Laria* Scopoli, 1763 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1995a); syn. of *Bruchus* Linnaeus, 1767]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

Subtribe MEGACERINA Bridwell, 1946

MEGACERINI Bridwell, 1946: 54, in key [stem: *Megacer*-]. Type genus: *Megacerus* Fahrens, 1839. Comment: MEGACERINI Viret, 1961 (type genus *Megacerus* Owen, 1844) is used as valid in Mammalia: CERVIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe EUBAPTINI Bridwell, 1932

EUBAPTINAE Bridwell, 1932: 103, in key [stem: *Eubapt*-]. Type genus: *Eubaptus* Lacordaire, 1845.

Tribe KYTORHININI Bridwell, 1932

KYTORHININAE Bridwell, 1932: 103, in key [stem: *Kytorhin*-]. Type genus: *Kytorhinus* Fischer von Waldheim, 1809.

Tribe PACHYMERINI Bridwell, 1929

PACHYMERINAE Bridwell, 1929: 142 [stem: *Pachymer*-]. Type genus: *Pachymerus* Thunberg, 1805. Comment: precedence (PACHYMERINI Bridwell, 1929 vs CARYEDINI Bridwell, 1929 vs CARYOPEMINI Bridwell, 1929) given to taxon originally proposed at the higher rank (Art. 24.1).

Subtribe CARYEDONTINA Bridwell, 1929

CARYEDINI Bridwell, 1929: 143 [stem: *Caryedont*-]. Type genus: *Caryedon* Schönherr, 1823. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Decelle (1966).

Subtribe CARYOPEMINA Bridwell, 1929

CARYOPEMINI Bridwell, 1929: 143 [stem: *Caryopem*-]. Type genus: *Caryopemon* Jekel, 1855. Comment: current spelling maintained (Art. 29.5); incorrect stem formation in prevailing usage (should be *Caryopemon*-).

Subtribe PACHYMERINA Bridwell, 1929

PACHYMERINAE Bridwell, 1929: 142 [stem: *Pachymer*-]. Type genus: *Pachymerus* Thunberg, 1805.

Tribe RHAEBINI Blanchard, 1845

RHAEBITES Blanchard, 1845b: 180 [stem: *Rhaeb*-]. Type genus: *Rhaebus* Fischer von Waldheim, 1824. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form by Kraatz (1879: 278, as RHAEBINI), generally accepted as in Anton (2010: 353, as RHAEBINI); Blanchard (1845b: 193) also used the spelling RHOEBITES.

Subfamily DONACIINAE Kirby, 1837

DONACIADAE Kirby, 1837: 222 [stem: *Donaci*-.]. Type genus: *Donacia* Fabricius, 1775.

Tribe DONACIINI Kirby, 1837

DONACIADAE Kirby, 1837: 222 [stem: *Donaci*-.]. Type genus: *Donacia* Fabricius, 1775.

DONACIADAE Gistel, 1856a: 377 [stem: *Donacoci*-.]. Type genus: *Donacocia* Gistel, 1856 [although this genus has been considered a senior syn. of *Plateumaris* C. G. Thomson, 1859 by some authors, Löbl and Silfverberg (2010: 64) recently chose "*brevicornis* Ahrens, 1810" as the type species for this genus; syn. of *Donacia* Fabricius, 1775]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe HAEMONIINI Chen, 1941

HAEMONIINI Chen, 1941: 8 [stem: *Haemoni*-.]. Type genus: *Haemonia* Dejean, 1821 [syn. of *Macrolea* Smouelle, 1819].

Tribe PLATEUMARINI Böving, 1922

PLATEUMARINI Böving, 1922: 50 [stem: *Plateumar*-.]. Type genus: *Plateumaris* C. G. Thomson, 1859. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Plateumarid*-).

PLATEUMARINI Askevold, 1990: 633 [stem: *Plateumar*-.]. Type genus: *Plateumaris* C. G. Thomson, 1859. Comment: family-group name proposed as new without reference to PLATEUMARINI Böving, 1922; current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Plateumarid*-).

Subfamily CRIOCERINAE Latreille, 1804

CRIOCERIDES Latreille, 1804c: 159 [stem: *Criocer*-.]. Type genus: *Crioceris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe CRIOCERINI Latreille, 1804

CRIOCERIDES Latreille, 1804c: 159 [stem: *Criocer*-.]. Type genus: *Crioceris* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: published 7 March 1804; this family-group name was also used in the same year by Latreille (1804d [between 19 August and 17 September]: 324, as CRIOCERIDES); current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Criocerid*-).

Tribe LEMINI Gyllenhal, 1813

LEMOIDEAE Gyllenhal, 1813: 632 [stem: *Lem-*]. Type genus: *Lema* Fabricius, 1798 [placed on the Official List of Generic Names in Zoology (ICZN 1970a)].

Tribe PSEUDOCRIOCERINI Heinze, 1962

PSEUDOCRIOCERINI Heinze, 1962: 198, in key [stem: *Pseudocriocer-*]. Type genus: *Pseudocrioceris* Pic, 1916. Comment: current spelling maintained (Art. 29.3.1.1): incorrect stem formation in prevailing usage (should be *Pseudocriocerid-*).

Subfamily CASSIDINAE Gyllenhal, 1813

CASSIDEAE Gyllenhal, 1813: 434 [stem: *Cassid-*]. Type genus: *Cassida* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1974b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1974b, as CASSIDINAE Stephens, 1831); First Reviser found (CASSIDINAE Gyllenhal, 1813 vs HISPINAE Gyllenhal, 1813) is Shuckard (1839b: 68).

Tribe ALURNINI Chapuis, 1875

ALURNITES Chapuis, 1875: 292 [stem: *Alurn-*]. Type genus: *Alurnus* Fabricius, 1775. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1910: 69, as ALURNINI), generally accepted as in Staines (2002: 742, as ALURNINI).

*SPHAEROPALPITES Chapuis, 1875: 359 [stem: *Sphaeropalp-*]. Type genus: *Sphaeropalpus* Guérin-Ménéville, 1844 [syn. of *Platyauchenia* Sturm, 1843]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

PLATYAUCHENIITAE Spaeth, 1929b: 113 [stem: *Platyauchen-*]. Type genus: *Platyauchenia* Sturm, 1843.

Tribe ANISODERINI Chapuis, 1875

ANISODÉRITES Chapuis, 1875: 294 [stem: *Anisoder-*]. Type genus: *Anisodera* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 40, as ANISODERINI), generally accepted as in Würmli (1975: 10, as ANISODERINI).

*LASIOCHILINI Gressitt, 1950: 62 [stem: *Lasiochil-*]. Type genus: *Lasiochila* Weise, 1916. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); the author apparently used this family-group name in error for ANISODERINI (see Gressitt 1953: 126); LASIOCHILINAE Carayon, 1972 (type genus *Lasiochilus* Reuter, 1871) has been used as valid in Hemiptera.

Tribe APROIDINI Weise, 1911

APROIDINI Weise, 1911: 41 [stem: *Aproid-*]. Type genus: *Aproida* Pascoe, 1863.

Tribe ARESCINI Chapuis, 1875

ARESCITES Chapuis, 1875: 298 [stem: *Aresc-*]. Type genus: *Arescus* Perty, 1832.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1910: 69, as ARESCINI), generally accepted as in Staines (2002: 741, as ARESCINI).

Tribe ASPIDIMORPHINI Chapuis, 1875

ASPIDIMORPHITES Chapuis, 1875: 406 [stem: *Aspidimorph-*]. Type genus: *Aspidimorpha* Hope, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Spaeth (1914: (129), as ASPIDORMOPHITAE [incorrect stem formation]), generally accepted as in Hincks (1952: 336, as ASPIDOMORPHINI).

Tribe BASIPRIONOTINI Gressitt, 1952 (1914)

*PRIOPTÉRITES Chapuis, 1875: 367 [stem: *Priopter-*]. Type genus: *Prioptera* Hope, 1840 [syn. of *Basiprionota* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

PRIOPTERITAE Spaeth, 1914: (129) [stem: *Priopter-*]. Type genus: *Prioptera* Hope, 1840 [syn. of *Basiprionota* Chevrolat, 1836]. Comment: usage of BASIPRIONOTINI Gressitt, 1952 conserved over this name (Art. 40.2).

BASIPRIONOTINI Gressitt, 1952: 444 [stem: *Basiprionot-*]. Type genus: *Basiprionota* Chevrolat, 1836. Comment: published 8 December 1952; name proposed to replace PRIOPTERINI because of synonymy of the type genus; this family-group name was also proposed in the same year by Hincks (1952 [31 December]: 329, in key, as BASIPRIONOTINI); usage of this name over the older name PRIOPTERINI Spaeth, 1929 conserved (Art. 40.2).

EPISTICTININI Hincks, 1952: 329, in key [stem: *Epistictin-*]. Type genus: *Epistictina* Hincks, 1950.

Tribe BOTRYONOPINI Chapuis, 1875

BOTRYONOPITES Chapuis, 1875: 291 [stem: *Botryonop-*]. Type genus: *Botryonopa* Guérin-Méneville, 1840 [*Botryonopa* is a incorrect subsequent spelling of the original name *Bothryonopa*, in prevailing usage and so deemed to be the correct original spelling (Art. 33.3.1); for correct author and year of type genus see Staines (2010: 172)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 39, as BOTRYONOPINI), generally accepted as in Würmli (1975: 8, as BOTRYONOPINI).

Tribe CALLISPINI Chapuis, 1875

CALLISPITES Chapuis, 1875: 269 [stem: *Callisp-*]. Type genus: *Callispa* Baly, 1859.

Comment: original vernacular name available (Art. 11.7.2): first used in latin-

ized form by Weise (1911: 41, as *CALLISPINI*), generally accepted as in Würmli (1975: 12, as *CALLISPINI*).

- **HISPODONTITES* Chapuis, 1875: 284 [stem: *Hispodont-*]. Type genus: *Hispodonta* Baly, 1859. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

Tribe CALLOHISPINI Uhmman, 1960

CALLOHISPINI Uhmman, 1960: 60 [stem: *Callohispa-*]. Type genus: *Callohispa* Uhmman, 1960.

Tribe CASSIDINI Gyllenhal, 1813

CASSIDAE Gyllenhal, 1813: 434 [stem: *Cassid-*]. Type genus: *Cassida* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1974b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1974b, as *CASSIDINAE* Stephens, 1831).

EVASPIDOTIDAE Gistel, 1856a: 381 [stem: *Evaspist-*]. Type genus: *Evaspistes* Gistel, 1856 [syn. of *Cassida* Linnaeus, 1758]. Comment: incorrect original stem formation, not in prevailing usage.

- **CHIRIDITES* Chapuis, 1875: 405 [stem: *Chirid-*]. Type genus: *Chirida* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

**HYBOSITES* Chapuis, 1875: 380 [stem: *Hybos-*]. Type genus: *Hybosa* Boheman, 1855 [*Hybosa* has been credited to Duponchel and Chevrolat, 1842, e.g., See-no and Wilcox (1982: 178), but the name is not available from that reference since there is no description nor available species included; this genus was first made available by Boheman (1855: 1)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

BASIPTITES Chapuis, 1875: 379 [stem: *Basipt-*]. Type genus: *Basipta* Chevrolat, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Hincks (1952: 337, as *BASIPTINI*).

COPTOCYCLITAE Spaeth and Reitter, 1926: 7, in key [stem: *Coptocycl-*]. Type genus: *Coptocycla* Chevrolat, 1836. Comment: this family-group name was also used in the same year by Spaeth (1926: 1, as *COPTOCYCLITAE*) but we could not establish priority.

CHARIDOTITAE Spaeth, 1942: 40 [stem: *Charidotid-*]. Type genus: *Charidotis* Boheman, 1854. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Hincks (1952: 343, as *CHARIDOTINI*) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Tribe CEPHALOLEIINI Chapuis, 1875

CÉPHALOLÉITES Chapuis, 1875: 277 [stem: *Cephalolei-*]. Type genus: *Cephaloleia* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1910: 69, as CEPHALOLEIINI), generally accepted as in Borowiec (1995: 553, as CEPHALOLEIINI); incorrect original stem formation, not in prevailing usage.

Tribe CHALEPINI Weise, 1910

CHALEPINI Weise, 1910: 69 [stem: *Chalep-*]. Type genus: *Chalepus* Thunberg, 1805. Comment: Chalepini Weise, 1910 is a junior homonym of CHALEPIDAE H. C. C. Burmeister, 1847 (type genus *Chalepus* W. S. MacLeay, 1819) in SCARABAEIDAE; the older scarab family-group name is permanently invalid because it is based on a preoccupied type genus; an application to the Commission is needed to conserve usage of CHALEPINI Weise, 1910.

Tribe COELAE NOMENODERINI Weise, 1911

COELAE NOMENODERINI Weise, 1911: 51 [stem: *Coelaenomenoder-*]. Type genus: *Coelaenomenodera* Blanchard, 1845.

PHARANGISPINI Uhmann, 1940: 122 [stem: *Pharangisp-*]. Type genus: *Pharangispa* Maulik, 1929. Comment: proposed after 1930 without description but available because accompanied by a bibliographic reference (Maulik 1929: 233) to a description (Art. 13.1).

Tribe CRYPTONYCHINI Chapuis, 1875

CRYPTONYCHITES Chapuis, 1875: 286 [stem: *Cryptonych-*]. Type genus: *Cryptonychus* Gyllenhal, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 45, as CRYPTONYCHINI), generally accepted as in Würmli (1975: 21, as CRYPTONYCHINI).

Tribe DELOCRANIINI Spaeth, 1929

DELOCRANIITAE Spaeth, 1929b: 113 [stem: *Delocrani-*]. Type genus: *Delocrania* Guérin-Ménéville, 1844.

Tribe DORYNOTINI Monrós and Viana, 1949 (1923)

*BATONOTITES Chapuis, 1875: 377 [stem: *Batonot-*]. Type genus: *Batonota* Hope, 1839 [syn. of *Dorynota* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

BATONOTITAE Spaeth, 1923: 66 [stem: *Batonot-*]. Type genus: *Batonota* Hope, 1839 [syn. of *Dorynota* Chevrolat, 1836]. Comment: usage of DORYNOTINI Monrós and Viana, 1949 conserved over this name (Art. 40.2).

DORYNOTINI Monrós and Viana, 1949: 392 [stem: *Dorynot-*]. Type genus: *Dorynota* Chevrolat, 1836. Comment: name proposed to replace “BATONOTITES” because of synonymy of the type genus; usage of younger name conserved over BATONOTINI Spaeth, 1923 (Art. 40.2).

Tribe EUGENYSINI Hincks, 1952

*CALASPIDEITAE Spaeth, 1942: 18 [stem: *Calaspide-*]. Type genus: *Calaspidea* Hope, 1840 [syn. of *Eugenysa* Chevrolat, 1836]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EUGENYSINI Hincks, 1952: 329, in key [stem: *Eugenys-*]. Type genus: *Eugenysa* Chevrolat, 1836.

Tribe EURISPINI Chapuis, 1875

EURISPITES Chapuis, 1875: 264 [stem: *Eurisp-*]. Type genus: *Eurispia* Baly, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 45, as EURISPINI), generally accepted as in Uhmman (1960: 61, as EURISPINI).

Tribe EXOTHISPINI Weise, 1911

EXOTHISPINI Weise, 1911: 51 [stem: *Exothisp-*]. Type genus: *Exothispa* Kolbe, 1897.

Tribe GONIOCHENIINI Spaeth, 1942

GONIOCHENIITAE Spaeth, 1942: 17 [stem: *Goniocheni-*]. Type genus: *Goniochenia* Weise, 1896. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Viana (1964: 217, as GONIOCHENIICI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

Tribe GONOPHORINI Chapuis, 1875

GONOPHORITES Chapuis, 1875: 303 [stem: *Gonophor-*]. Type genus: *Gonophora* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 54, as GONOPHORINI), generally accepted as in Wümlri (1975: 47, as GONOPHORINI).

*WALLACÉITES Chapuis, 1875: 281 [stem: *Wallace-*]. Type genus: *Wallacea* Baly, 1859 [this genus is a senior homonym of *Wallacea* Doleschall, 1859 (see Woodley 2002: 410)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); WALLACEIAD[A]E [incorrect stem formation] was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea’s

name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe HEMISPHAEROTINI Monrós and Viana, 1951 (1929)

PORPHYRASPIDAE Spaeth, 1929a: 29 [stem: *Porphyraspid-*]. Type genus: *Porphyraspis* Hope, 1840 [syn. of *Hemisphaerota* Chevrolat, 1836]. Comment: this family-group name was also used in the same year by Spaeth (1929b: 113); usage of younger name HEMISPHAEROTINI Monrós and Viana, 1951 conserved over this name (Art. 40.2); incorrect original stem formation, not in prevailing usage.

HEMISPHAEROTINI Monrós and Viana, 1951: 370 [stem: *Hemisphaerot-*]. Type genus: *Hemisphaerota* Chevrolat, 1836. Comment: usage of this name conserved over PORPHYRASPIDINI Spaeth, 1929 (Art. 40.2).

Tribe HISPINI Gyllenhal, 1813

HISPOIDEAE Gyllenhal, 1813: 448 [stem: *Hisp-*]. Type genus: *Hispa* Linnaeus, 1767.

*MONOCHIRITES Chapuis, 1875: 330 [stem: *Monochir-*]. Type genus: *Monochirus* Chapuis, 1875 [preoccupied genus name, not *Monochirus* Rafinesque, 1814 [Pisces]; syn. of *Hispellinus* Weise, 1898]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

*TRICHISPITES Chapuis, 1875: 331 [stem: *Trichisp-*]. Type genus: *Trichispa* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

MONOCHIRINI Weise, 1905: 317 [stem: *Monochir-*]. Type genus: *Monochirus* Chapuis, 1875 [preoccupied genus name, not *Monochirus* Rafinesque, 1814 [Pisces]; syn. of *Hispellinus* Weise, 1897]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe HISPOLEPTINI Chapuis, 1875

HISPOLEPTITES Chapuis, 1875: 283 [stem: *Hispolept-*]. Type genus: *Hispopleptis* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Uhmann (1940: 121, as HISPOLEPTINI), generally accepted as in Staines (2002: 777, as HISPOLEPTINI).

Tribe HYBOSISPINI Weise, 1910

HYBOSISPINI Weise, 1910: 69 [stem: *Hybospis-*]. Type genus: *Hybospispa* Weise, 1910.

Tribe IMATIDIINI Hope, 1840

IMATIDIIDAE Hope, 1840a: 152 [stem: *Imatidi-*]. Type genus: *Imatidium* Fabricius, 1801. Comment: name previously attributed to Chapuis (1875).

Tribe ISCHYROSONYCHINI Chapuis, 1875

ISCHYROSONYCHITES Chapuis, 1875: 382 [stem: *Ischyrosonych-*]. Type genus: *Ischyrosonyx* Sturm, 1843 [syn. of *Eurypedus* Gistel, 1834]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Spaeth (1942: 31, as ISCHYRONYCITAE [incorrect stem formation]), generally accepted as in Borowiec (1995: 556, as ISCHYROSONYCHINI).

*PHYSONOTITAE Spaeth, 1942: 32 [stem: *Physonot-*]. Type genus: *Physonota* Boheman, 1854. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ASTERIZINI Hincks, 1952: 330, in key [stem: *Asteriz-*]. Type genus: *Asteriza* Chevrolat, 1836. Comment: Hincks (1952: 336) and Seeno and Wilcox (1982: 171) mention "ASTERIZITAE Spaeth", we could not find any earlier usage of ASTERIZITAE by Spaeth.

Tribe LEPTISPINI Fairmaire, 1868

LEPTISPITES Fairmaire, 1868: 258 [stem: *Leptisp-*]. Type genus: *Leptispa* Baly, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 44, as LEPTHISPINI [incorrect stem formation]), generally accepted as in Würmli (1975: 18, as LEPTISPINI).

Tribe MESOMPHALIINI Hope, 1840

MESOMPHALIDAE Hope, 1840a: 160 [stem: *Mesomphali-*]. Type genus: *Mesomphalia* Hope, 1839. Comment: incorrect original stem formation, not in prevailing usage.

*CHÉLYMORPHITES Chapuis, 1875: 402 [stem: *Chelymorph-*]. Type genus: *Chelymorpha* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*ELYTROGONITES Chapuis, 1875: 403 [stem: *Elytrogon-*]. Type genus: *Elytroгона* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*OMOPLATITES Chapuis, 1875: 397 [stem: *Omoplat-*]. Type genus: *Omoplata* Hope, 1840 [syn. of *Echoma* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

STOLAINI Hincks, 1952: 329, in key [stem: *Stolad-*]. Type genus: *Stolas* Billberg, 1820. Comment: incorrect original stem formation, not in prevailing usage.

Tribe NOTHOSACANTHINI Gressitt, 1952 (1929)

*HOPLIONOTITES Chapuis, 1875: 357 [stem: *Hoplionot-*]. Type genus: *Hoplionota* Hope, 1840 [syn. of *Notosacantha* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

HOPLIONOTITAE Spaeth, 1929b: 113 [stem: *Hoplionot-*]. Type genus: *Hoplionota* Hope, 1840 [syn. of *Notosacantha* Chevrolat, 1836]. Comment: usage of younger name NOTOSACANTHINI Gressitt, 1952 conserved over this name (Art. 40.2).

NOTOSACANTHINA Gressitt, 1952: 444 [stem: *Notosacanth-*]. Type genus: *Notosacantha* Chevrolat, 1836. Comment: published 8 December 1952; name proposed to replace HOPLIONOTINI Spaeth, 1929 because of the synonymy of the type genus; this family-group name was also proposed in the same year by Hincks (1952 [31 December]: 328, in key, as NOTOSACANTHINI); usage of this name conserved over HOPLIONOTINI Spaeth, 1929 (Art. 40.2).

Tribe OEDIOPALPINI Monrós and Viana, 1947 (1910)

AMPLIPALPINI Weise, 1910: 69 [stem: *Amplipalp-*]. Type genus: *Amplipalpa* Harold, 1875 [syn. of *Oediopalpa* Baly, 1859]. Comment: younger name OEDIOPALPINI Monrós and Viana, 1947 conserved over this name (Art. 40.2).

OEDIOPALPINI Monrós and Viana, 1947: 150, in key [stem: *Oediopalp-*]. Type genus: *Oediopalpa* Baly, 1859. Comment: name proposed to replace AMPLIPALPINI Weise, 1910 because of synonymy of the type genus; usage of this name conserved over the older name AMPLIPALPINI Weise, 1910 (Art. 40.2).

Tribe OMOCERINI Hincks, 1952 (1923)

*TAUROMITES Chapuis, 1875: 372 [stem: *Taurom-*]. Type genus: *Tauroma* Hope, 1839 [syn. of *Omocerus* Chevrolat, 1835]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875).

TAUROMITAE Spaeth, 1923: 66 [stem: *Taurom-*]. Type genus: *Tauroma* Hope, 1839 [syn. of *Omocerus* Chevrolat, 1835]. Comment: younger name OMOCERINI Hincks, 1952 conserved over this name (Art. 40.2).

OMOCERINI Hincks, 1952: 329, in key [stem: *Omocer-*]. Type genus: *Omocerus* Chevrolat, 1835. Comment: name proposed to replace TAUROMINI Spaeth, 1923 because of synonymy of the type genus; usage of younger name conserved over TAUROMINI Spaeth, 1923 (Art. 40.2).

Tribe ONCOCEPHALINI Chapuis, 1875

ONCOCÉPHALITES Chapuis, 1875: 308 [stem: *Oncocephal-*]. Type genus: *Onchocephala* Guérin-Ménéville, 1844 [this genus name was first made available by Guérin-Ménéville (1844: 280-281) although most authors credit Chevrolat (1847: 110, spelled *Oncocephalus*) as the correct author and date of publication of this genus]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 50, as ONCOCEPHALINI), generally accepted as in Świętojańska et al. (2006: 49, as ONCOCEPHALINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Onchocephal-*).

CHOERIDIONINI Weise, 1911: 49 [stem: *Chaeridion*-.]. Type genus: *Chaeridiona* Baly, 1869 [as *Choeridiona*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PROMECOTHECINI Chapuis, 1875

PROMECOTHÉCITES Chapuis, 1875: 300 [stem: *Promecothec*-.]. Type genus: *Promecotheca* Chevrolat, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1911: 53, as PROMECOTHECINI), generally accepted as in Gressitt (1950: 81, as PROMECOTHECINI).

Tribe PROSOPODONTINI Weise, 1910

PROSOPODONTINI Weise, 1910: 69 [stem: *Prosopodont*-.]. Type genus: *Prosopodonta* Baly, 1885.

Tribe SCELOENOPLINI Uhmman, 1930

*CÉPHALODONTITES Chapuis, 1875: 313 [stem: *Cephalodont*-.]. Type genus: *Cephalodonta* Chevrolat, 1842 [this name was recently attributed to “Chevrolat, 1843” (e.g., Staines (2002: 748)) but it was made available for the first time by Chevrolat (1842: 272); syn. of *Sceloenopla* Chevrolat, 1836]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form but not generally attributed to Chapuis (1875).

CEPHALODONTINAE Gestro, 1906: 548 [stem: *Cephalodont*-.]. Type genus: *Cephalodonta* Chevrolat, 1842 [this name was recently attributed to “Chevrolat, 1843” (e.g., Staines (2002: 748)) but it was made available for the first time by Chevrolat (1842: 272); syn. of *Sceloenopla* Chevrolat, 1836]. Comment: usage of the younger name SCELOENOPLINI Uhmman, 1930 conserved over this name (Art. 40.2).

SCELOENOPLINI Uhmman, 1930: 238 [stem: *Sceloenopl*-.]. Type genus: *Sceloenopla* Chevrolat, 1836. Comment: although this is not the oldest name for the tribe, we recommend that an application be sent to the Commission in order to conserve usage of SCELOENOPLINI Uhmman, 1930.

Tribe SPILOPHORINI Chapuis, 1875

SPILOPHORITES Chapuis, 1875: 364 [stem: *Spilophor*-.]. Type genus: *Spilophora* Boheman, 1850. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Spaeth (1929a: 29, as SPILOPHORITAE), generally accepted as in Borowiec (1995: 553, as SPILOPHORINI); this name is a senior homonym of SPILOPHORINA Krikken, 1984 (type genus *Spilophorus* Schaum, 1848) currently used as valid in SCARABAEIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe UROPLATINI Weise, 1910

*OCTOTOMITES Chapuis, 1875: 310 [stem: *Octotom-*]. Type genus: *Octotoma* Dejean, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); OCTOTOMIDAE was used as valid by Lenistea (1986: 31) but it was not attributed to Chapuis (1875); lenistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

UROPLATINI Weise, 1910: 69 [stem: *Uroplat-*]. Type genus: *Uroplata* Chevrolat, 1836 [*Uroplata* Chevrolat, 1835] placed on the Official List of Generic Names in Zoology (ICZN 1985f)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1985f, as UROPLATINI Leng, 1920).

Subfamily CHRYSOMELINAE Latreille, 1802

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)]. Comment: see Kippenberg (2010b) for an alternative tribal classification within this subfamily.

Tribe CHRYSOMELINI Latreille, 1802

CHRYSOMELINAE Latreille, 1802: 220 [stem: *Chrysomel-*]. Type genus: *Chrysomela* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)].

ELEIAEIDAE Gistel, 1848: [9] [stem: *Elei-*]. Type genus: *Eleia* Gistel, 1848 [syn. of *Chrysomela* Linnaeus, 1758]. Comment: incorrect original stem formation, not in prevailing usage.

PRASOCURISIDAE Gistel, 1848: [10] [stem: *Prasocur-*]. Type genus: *Prasocuris* Latreille, 1802. Comment: incorrect original stem formation, not in prevailing usage.

CHLOËMELADAE Gistel, 1856a: 379 [stem: *Chloemel-*]. Type genus: *Chloemela* Gistel, 1856 [syn. of *Chrysomela* Linnaeus, 1758]. Comment: incorrect original stem formation, not in prevailing usage.

DORYPHORES Motschulsky, 1860: 181 [stem: *Doryphor-*]. Type genus: *Doryphora* Illiger, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as DORYPHORAE), generally accepted as in Riley et al. (2002: 639, as DORYPHORINA).

GONIOCTÈNES Motschulsky, 1860: 179 [stem: *Goniocten-*]. Type genus: *Gonioctena* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as GONIOCTENAE), generally accepted as in Warchalowski (1994: 100, as GONIOCTENINA).

LINAEINES Motschulsky, 1860: 196 [stem: *Lin-*]. Type genus: *Lina* Latreille, 1829 [syn. of *Chrysomela* Linnaeus, 1758]. Comment: original vernacular name

- available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1862: 406, as *LINAE*).
- OVOSOMES Motschulsky, 1860: 211 [stem: *Ovosomat*-.]. Type genus: *Ovosoma* Motschulsky, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Gerstaecker (1862: 406, as *OVOSOMAE*); incorrect original stem formation, not in prevailing usage.
- PAROPSINES Motschulsky, 1860: 192 [stem: *Paropse*-.]. Type genus: *Paropsis* A. G. Olivier, 1807. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as *PAROPSINAE*), generally accepted as in Riley et al. (2002: 639, as *PAROPSINA*); incorrect original stem formation, not in prevailing usage.
- PHRATHORINES Motschulsky, 1860: 216 [stem: *Phrator*-.]. Type genus: *Phratora* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 406, as *PHRATORINAE*), generally accepted as in Warchalowski (1994: 139, as *PHRATORINA*); incorrect original stem formation, not in prevailing usage.
- *AUSTRALICITES Chapuis, 1874: 428 [stem: *Australic*-.]. Type genus: *Australica* Chevrolat, 1836 [this name is sometimes treated as a *nomen nudum* (Reid 2006: 55), however it is available since four available species names were included by Chevrolat (1836)]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- *CLIDONOTITES Chapuis, 1874: 414 [stem: *Clidonot*-.]. Type genus: *Clidonotus* Chapuis, 1874. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1874); *CLIDONOTIDAE* was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1874); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *COLASPIDÉMITES Chapuis, 1874: 364 [stem: *Colaspidem*-.]. Type genus: *Colaspidema* Laporte, 1833. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1874); *COLASPIDEMIDAE* was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1874); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *CYRTONITES Chapuis, 1874: 364 [stem: *Cyrton*-.]. Type genus: *Cyrtonus* Latreille, 1829. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- *ELYTROSPOERITES Chapuis, 1874: 406 [stem: *Elytrosphoer*-.]. Type genus: *Elytrosphoera* Blanchard, 1845. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; name incorrectly spelled *ELYTROSphaer*-ITES in the index of the same work (page 449).

- ENTOMOSCÉLITES Chapuis, 1874: 418 [stem: *Entomoscelid*]-. Type genus: *Entomoscelis* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 344, as ENTOMOSCELIDES [treated as Latin]), generally accepted as in Warchalowski (1994: 154, as ENTOMOSCELINA); incorrect original stem formation, not in prevailing usage.
- *LYCARIITES Chapuis, 1874: 420 [stem: *Lycari*]-. Type genus: *Lycaria* Stål, 1857. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.
- PHYLLOCHARITES Chapuis, 1874: 422 [stem: *Phyllocharit*]-. Type genus: *Phyllocharis* Dalman, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Weise (1915: 436, as PHYLLOCHARINI); incorrect original stem formation, not in prevailing usage.
- *PYXITES Chapuis, 1874: 438 [stem: *Pyxid*]-. Type genus: *Pyxis* Chevrolat, 1843. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; incorrect original stem formation, not in prevailing usage.
- PHYLLODECTAE J. L. LeConte and G. H. Horn, 1883: 344 [stem: *Phyllodect*]-. Type genus: *Phyllodecta* Kirby, 1837 [subgenus of *Phratora* Chevrolat, 1836].
- DICRANOSTERNINI Weise, 1915: 436 [stem: *Dicranostern*]-. Type genus: *Dicranosterna* Motschulsky, 1860.
- PHAEDONINI Weise, 1915: 435 [stem: *Phaedon*]-. Type genus: *Phaedon* Latreille, 1829.
- ZYGOGRAMMINI Weise, 1915: 435 [stem: *Zygogrammat*]-. Type genus: *Zygogramma* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.
- CHRYSOLININA Chen, 1936: 64, in key [stem: *Chrysolin*]-. Type genus: *Chrysolina* Motschulsky, 1860 [placed on the Official List of Generic Names in Zoology (ICZN 1984c)].
- BARYMELINI Bechyné, 1948: 295 [stem: *Barymel*]-. Type genus: *Barymela* Weise, 1910.
- DORYPHORINI Bechyné, 1950a: 115, in key [stem: *Doryphor*]-. Type genus: *Doryphora* Illiger, 1807. Comment: family-group name proposed as new without reference to DORYPHORES Motschulsky, 1860.
- MONARDITINI Bechyné, 1953: 85 [stem: *Monardit*]-. Type genus: *Monardita* Bechyné, 1948.
- OREININI Bechyné, 1958: 218, nota [stem: *Orein*]-. Type genus: *Oreina* Chevrolat, 1836. Comment: the older name OREININI Bleeker, 1863 (type genus *Oreinus* M'Clelland, 1839) is available in Pisces; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
- *PHYTODECTINI Bechyné, 1980: 58 [stem: *Phytodect*]-. Type genus: *Phytodecta* Kirby, 1837 [syn. of *Goniocтена* Chevrolat, 1836]. Comment: unavailable

family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

HISPOSTOMINI Daccordi, 1981: 181, in key [stem: *Hispostomat*–]. Type genus: *Hispostoma* Weise, 1907. Comment: incorrect original stem formation, not in prevailing usage.

SPHAERATRIXINI Daccordi, 1981: 181, in key [stem: *Sphaeratrix*–]. Type genus: *Sphaeratrix* Gistel, 1848. Comment: the correct stem based on *Sphaeratrix* is unclear since Gistel did not specify the etymology of his genus therefore we accept the original stem as correct.

*GASTROPHYSINA Steinhausen, 2001: 47 [stem: *Gastrophys*–]. Type genus: *Gastrophysa* Chevrolat, 1836. Comment: unavailable family-group name, proposed after 1999 without explicit intention (Art. 16.1).

GASTROPHYSINA Kippenberg, 2010a: 68 [stem: *Gastrophys*–]. Type genus: *Gastrophysa* Chevrolat, 1836.

Tribe TIMARCHINI Motschulsky, 1860

TIMARCHAEINES Motschulsky, 1860: 187 [stem: *Timarch*–]. Type genus: *Timarcha* Samouelle, 1819. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Gerstaecker (1862: 405, as TIMARCHAE), generally accepted as in Burakowski et al. (1990: 115, as TIMARCHINI); incorrect original stem formation, not in prevailing usage.

Subfamily GALERUCINAE Latreille, 1802

GALERUCAE Latreille, 1802: 228 [stem: *Galeruc*–]. Type genus: *Galeruca* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe ALTICINI Newman, 1834

HALTICITES Newman, 1834: 421 [stem: *Altic*–]. Type genus: *Altica* Geoffroy, 1762 [as *Haltica*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage; *Altica* placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: incorrect original stem formation, not in prevailing usage.

HESPERIDAE Swainson, 1840: 310 [stem: *Hesper*–]. Type genus: *Hespera* Weise, 1889.

LONGITARSUS Maehler, 1850: 7 [stem: *Longitars*–]. Type genus: *Longitarsus* Latreille, 1829.

PLECTROSCELIDES C. G. Thomson, 1866: 213 [stem: *Plectroscelid*–]. Type genus: *Plectroscelis* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.

*ACROCRYPTITES Chapuis, 1875: 36 [stem: *Acrocrypt*–]. Type genus: *Acrocrypta* Baly, 1862. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); ACROCRYPTIDAE was used as valid by Ienistea (1986: 31) but it was

not attributed to Chapuis (1875); *Ienistea*'s name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

**AMPHIMÉLITES* Chapuis, 1875: 34 [stem: *Amphimel-*]. Type genus: *Amphimela* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently used in latinized form and treated as valid.

APHTHONITES Chapuis, 1875: 69 [stem: *Aphthon-*]. Type genus: *Aphthona* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 352, as *APHTHONAE*), generally accepted as in Bechyné (1968: 1708, as *APHTHONINI*).

ARSIPODITES Chapuis, 1875: 37 [stem: *Arsipod-*]. Type genus: *Arsipoda* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 353, as *ARSIPODES* [treated as Latin]), generally accepted as in Bechyné and Špringlová de Bechyné (1973: 26, as *ARSIPODINI*).

ASPICÉLITES Chapuis, 1875: 75 [stem: *Aspicel-*]. Type genus: *Aspicela* Dejean, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in G. H. Horn (1889: 166, as *ASPICELAE*).

BLÉPHARIDITES Chapuis, 1875: 26 [stem: *Blepharid-*]. Type genus: *Blepharida* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 350, as *BLEPHARIDAE* [incorrect stem formation]), generally accepted as in Bechyné (1968: 1724, as *BLEPHARIDINI*).

CRÉPIDODÉRITES Chapuis, 1875: 51 [stem: *Crepidoder-*]. Type genus: *Crepidodera* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 350, as *CREPIDODERAE*).

**DIAMPHIDIITES* Chapuis, 1875: 24 [stem: *Diamphidi-*]. Type genus: *Diamphidia* Gerstaecker, 1855. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); *DIAMPHIDIINI* and *DIAMPHIDIIDAE* were subsequently used as valid by Bechyné (1980: 58) and *Ienistea* (1986: 31) but those names were not attributed to Chapuis (1875); Bechyné's and *Ienistea*'s names are also unavailable, they were proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

DIBOLITES Chapuis, 1875: 137 [stem: *Diboli-*]. Type genus: *Dibolia* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 350, as *DIBOLIAE*), generally accepted as in Bechyné (1997: 206, as *DIBOLINI*).

**ÉLITHITES* Chapuis, 1875: 21 [stem: *Elithi-*]. Type genus: *Elithia* Chapuis, 1875. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); this

name was originally spelled ELITHITES in the key but ÉLITHIDES in description (both p. 21); ELITHIIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LACTICITES Chapuis, 1875: 123 [stem: *Lactic-*]. Type genus: *Lactica* Erichson, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 350, as LACTICAE).

MNIOPHILITES Chapuis, 1875: 129 [stem: *Mniophil-*]. Type genus: *Mniophila* Stephens, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 350, as MNIOPHILAE).

MONOPLATITES Chapuis, 1875: 91 [stem: *Monoplat-*]. Type genus: *Monoplatus* Chevrolat, 1846 [this genus is usually credited to Clark, 1860, e.g., Seeno and Wilcox (1982: 141) and Linzmeier and Konstantinov (2009), but the name was first made available with a short description by Chevrolat (1846: 333); syn. of *Sphaeronychus* Dejean, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 350, as MONOPLATI), generally accepted as in Bechyné and Špringlová de Bechyné (1975: 132, as MONOPLATINI); treated as a valid tribe and given precedence over SPHAERONYCHINI (Art. 40.1) by Linzmeier and Konstantinov (2009: 657).

*NONARTHITES Chapuis, 1875: 141 [stem: *Nonarthr-*]. Type genus: *Nonarthra* Baly, 1862. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); NONARTHIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

OEDIONYCHITES Chapuis, 1875: 81 [stem: *Oedionych-*]. Type genus: *Oedionychis* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 349, as OEDIONYCHES [treated as Latin]), generally accepted as in Bechyné (1968: 1703, as OEDIONYCHINI).

OXYGONITES Chapuis, 1875: 43 [stem: *Oxygon-*]. Type genus: *Oxygona* Chevrolat, 1847 [this genus has been attributed to “Chevrolat, 1837” (see Seeno and Wilcox 1982: 132) but the name is not available from Dejean's second and third editions of his catalogue; it was first made available by Chevrolat (1847: 368)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Jacoby (1884a: 34, as OXYGONINAE).

*PROCALITES Chapuis, 1875: 175 [stem: *Procal-*]. Type genus: *Procalus* Clark, 1865. Comment: original vernacular name unavailable (Art. 11.7.2): subse-

- quently used in latinized form but not generally attributed to Chapuis (1875); PROCALIDAE was used as valid by Jenisteá (1986: 31) but it was not attributed to Chapuis (1875); Jenisteá's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- PSYLLIODITES Chapuis, 1875: 140 [stem: *Psylliod-*]. Type genus: *Psylliodes* Latreille, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in J. L. LeConte and G. H. Horn (1883: 349, as PSYLLIOIDES [treated as Latin]).
- CHAETOCNEMAE J. L. LeConte and G. H. Horn, 1883: 354 [stem: *Chaetocnem-*]. Type genus: *Chaetocnema* Stephens, 1831.
- DISONYCHAE J. L. LeConte and G. H. Horn, 1883: 351 [stem: *Disonych-*]. Type genus: *Disonycha* Chevrolat, 1836.
- EUPLECTROSCELES G. H. Horn, 1889: 167, in key [stem: *Euplectrosclid-*]. Type genus: *Euplectrosclis* Crotch, 1873. Comment: incorrect original stem formation, not in prevailing usage.
- PSEUDOLAMPSES G. H. Horn, 1889: 166, in key [stem: *Pseudolampse-*]. Type genus: *Pseudolampsis* Horn, 1889. Comment: incorrect original stem formation, not in prevailing usage.
- SYSTEMAE G. H. Horn, 1889: 167, in key [stem: *System-*]. Type genus: *Systema* Chevrolat, 1836.
- LUPERALTICINI Leng, 1920: 301 [stem: *Luperaltic-*]. Type genus: *Luperaltica* Crotch, 1873.
- OCTOGONOTINI Weise, 1921: 151 [stem: *Octogonot-*]. Type genus: *Octogonotes* Drapiez, 1820.
- SERRATICOLLINI B. E. White, 1942: 17 [stem: *Serraticoll-*]. Type genus: *Serraticollis* B. E. White, 1942.
- SPHAERONYCHINI Bechyné and Špringlová de Bechyné, 1960: 7 [stem: *Sphaeronych-*]. Type genus: *Sphaeronychus* Dejean, 1836 [*Sphaeronychus* is an incorrect subsequent spelling of *Sphraeronychus* Dejean, 1836, in prevailing usage, treated as correct original spelling (Art. 33.3.1)]. Comment: this taxon was treated as a valid tribe (which included MONOPLATINI) by Furth (2007: 90).
- DISONYCHINA Bechyné and Špringlová de Bechyné, 1966: 142, in key [stem: *Disonych-*]. Type genus: *Disonycha* Chevrolat, 1836. Comment: family-group name proposed as new without reference to DISONYCHAE J. L. LeConte and G. H. Horn, 1883.
- CACOSCELINI Bechyné, 1968: 1715 [stem: *Cacoscelid-*]. Type genus: *Cacoscelis* Chevrolat, 1836. Comment: CACOSCELINI J. Thomson, 1861 (type genus *Cacosceles* Newman, 1838) is available in CERAMBYCIDAE and used as valid; the correct stem *Cacoscelid-* should be used for the alticine name in the future in order to avoid homonymy with the cerambycid name.
- *HERMAEOPHAGINA Bechyné, 1968: 1698 [stem: *Hermaphag-*]. Type genus: *Hermaphaga* Foudras, 1859. Comment: unavailable family-group name,

- proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- LONGITARSINI Bechyné, 1968: 1708 [stem: *Longitars-*]. Type genus: *Longitarsus* Latreille, 1829. Comment: family-group name proposed as new without reference to LONGITARSES Maehler, 1850.
- LYPNEINA Bechyné, 1968: 1717 [stem: *Lypne-*]. Type genus: *Lypnea* Baly, 1876.
- PODAGRICINI Bechyné, 1968: 1718 [stem: *Podagric-*]. Type genus: *Podagric* Chevrolat, 1836.
- *SPHAERODERMINI Bechyné, 1968: 1702 [stem: *Sphaeroderma-*]. Type genus: *Sphaeroderma* Stephens, 1831. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- WITTMERALTICINA Bechyné, 1968: 1717 [stem: *Wittmeraltic-*]. Type genus: *Wittmeraltica* Bechyné, 1956.
- PSILAPHINA Bechyné and Špringlová de Bechyné, 1973: 27, in key [stem: *Psilaph-*]. Type genus: *Psilapha* Clark, 1865.
- DIPHAULACINI Bechyné and Špringlová de Bechyné, 1975: 116 [stem: *Diphaulac-*]. Type genus: *Diphaulaca* Chevrolat, 1836.
- MANOBIINI Bechyné and Špringlová de Bechyné, 1975: 132, in key [stem: *Manobi-*]. Type genus: *Manobia* Jacoby, 1885.
- MARCAPATIINI Bechyné and Špringlová de Bechyné, 1975: 131 [stem: *Marcapati-*]. Type genus: *Marcapatia* Bechyné, 1958.
- MONOMACRINA Bechyné and Špringlová de Bechyné, 1975: 27 [stem: *Monomacr-*]. Type genus: *Monomacra* Chevrolat, 1836.
- SYSTEMINI Bechyné and Špringlová de Bechyné, 1975: 132, in key [stem: *System-*]. Type genus: *Systema* Chevrolat, 1836. Comment: family-group name proposed as new without reference to SYSTEMAE G. H. Horn, 1889.
- *PHYGASIINI Bechyné, 1980: 58 [stem: *Phygasi-*]. Type genus: *Phygasia* Dejean, 1836. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *OCNOSCELINA Seeno and Wilcox, 1982: 127 [stem: *Ocnoscelid-*]. Type genus: *Ocnoscelis* Erichson, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- HERMAEOPHAGINA Bechyné, 1997: 116 [stem: *Hermaeophag-*]. Type genus: *Hermaeophaga* Foudras, 1859.
- OCNOSCELINA Bechyné, 1997: 124 [stem: *Ocnoscelid-*]. Type genus: *Ocnoscelis* Erichson, 1847. Comment: incorrect original stem formation, not in prevailing usage.

Tribe DECARTHROCERINI Laboissière, 1937

- DECARTHROCERINA Laboissière, 1937: 29 [stem: *Decarthrocer-*]. Type genus: *Decarthrocera* Laboissière, 1937.

Tribe GALERUCINI Latreille, 1802

GALERUCAE Latreille, 1802: 228 [stem: *Galeruc-*]. Type genus: *Galeruca* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

COELOMÉRITES Chapuis, 1875: 196 [stem: *Coelomer-*]. Type genus: *Coelomera* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 296, as COELOMERINI), generally accepted as in Riley et al. (2002: 639, as COELOMERITES [treated as Latin]).

ATYSITES Chapuis, 1875: 192 [stem: *Atys-*]. Type genus: *Atysa* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 296, as ATYSINI), generally accepted as in Riley et al. (2002: 639, as ATYSITES [treated as Latin]).

APOPHYLIITES Chapuis, 1875: 182 [stem: *Apophyli-*]. Type genus: *Apophyllia* Duponchel and Chevrolat, 1841 [this genus name has been attributed to "J. Thomson, 1858", e.g., Bezděk (2003: 71), however it was made available for the first time with a description by Duponchel and Chevrolat (1841: 31)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1923: 124, as APOPHYDIINI [incorrect stem formation]), generally accepted as in Seeno and Wilcox (1982: 96, as APOPHYLIITES [treated as Latin]).

RUPILIITES Chapuis, 1875: 213 [stem: *Rupili-*]. Type genus: *Rupilia* Clark, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Jacoby (1899: 83, as RUPILINAE [incorrect stem formation]).

SCHEMATIZITES Chapuis, 1875: 195 [stem: *Schematiz-*]. Type genus: *Schematiza* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Wilcox (1971: 101, as SCHEMATIZITES [treated as Latin]), generally accepted as in Riley et al. (2002: 639, as SCHEMATIZITES [treated as Latin]).

MOMBASICITES Laboissière, 1922: 230 [stem: *Mombasic-*]. Type genus: *Mombasica* Fairmaire, 1888.

CHORINI Weise, 1923: 124 [stem: *Chorin-*]. Type genus: *Chorina* Baly, 1866. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Weise (1924: 179).

LEPTOSONYCHINI Weise, 1924: 180 [stem: *Leptosonych-*]. Type genus: *Leptosonyx* Weise, 1885.

THEONINA Laboissière, 1934: 7, in key [stem: *Theon-*]. Type genus: *Theone* Gistel, 1857.

Tribe HYLASPINI Chapuis, 1875

HYLASPITES Chapuis, 1875: 237 [stem: *Hylasp-*]. Type genus: *Hylaspes* Baly, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Laboissière (1934: 8, as HYLASPINA), generally accepted as in

- Silfverberg (1990: 120, as *HYLASPINI*); First Reviser found (*HYLASPINI* Chapuis, 1875 vs *AGELASTICINI* Chapuis, 1875) is Silfverberg (1990: 120).
- SERMYLITES Chapuis, 1875: 224 [stem: *Sermyl-*]. Type genus: *Sermyla* Chapuis, 1875 [preoccupied genus name, not *Sermyla* Walker 1854 [Lepidoptera], not *Sermyla* Adams, 1854 [Mollusca]; syn. of *Sermylassa* Reitter, 1912]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1884a: 64, as *SERMYLINAE*), generally accepted as in Seeno and Wilcox (2002: 104, as *SERMYLITES* [treated as Latin]); permanently invalid (Art. 39): based on preoccupied type genus.
- ANTIPHITES Chapuis, 1875: 232 [stem: *Antiph-*]. Type genus: *Antipha* Baly, 1865 [preoccupied genus name, not *Antipha* Walker, 1855 [Lepidoptera]; syn. of *Dercetina* Gressitt and Kimoto, 1963]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seeno and Wilcox (1982: 103, as *ANTIPHITES* [treated as Latin]); permanently invalid (Art. 39): based on preoccupied type genus.
- AGELASTICITES Chapuis, 1875: 167 [stem: *Agelastic-*]. Type genus: *Agelastica* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Weise (1903a: 209, as *AGELASTICITES* [treated as Latin]), generally accepted as in Burakowski et al. (1991: 23, as *AGELASTICINI*).
- AGELASINI Leng, 1920: 298 [stem: *Agelas-*]. Type genus: *Agelasa* sensu Horn, 1893 [not *Agelasa* Motschulsky, 1860; syn. of *Sermylassa* Reitter, 1912]. Comment: based on a misidentified type genus.
- BONESIITES Laboissière, 1926: 91 [stem: *Bonesi-*]. Type genus: *Bonesia* Baly, 1865.
- CAPULINI Ogloblin, 1936: 341 [stem: *Capul-*]. Type genus: *Capula* Jakobson, 1925.
- GALLERUCIDINI Gressitt and Kimoto, 1963: 390, in key [stem: *Gallerucid-*]. Type genus: *Gallerucida* Motschulsky, 1861.
- SERMYLASSINI Mroczkowski, 1991: 22 [stem: *Sermylass-*]. Type genus: *Sermylassa* Reitter, 1912. Comment: replacement name for *SERMYLITES* Chapuis, 1875 and *AGELASINI* Leng, 1920 because of the homonymy of the type genus.

Tribe LUPERINI Gistel, 1848

- LUPERIIDAE Gistel, 1848: [9] [stem: *Luper-*]. Type genus: *Luperus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1984a)]. Comment: name previously attributed to Chapuis (1875) in the literature; also see Beenen (2010: 464) for an alternative classification within this tribe; incorrect original stem formation, not in prevailing usage.
- AULACOPHORITES Chapuis, 1875: 158 [stem: *Aulacophor-*]. Type genus: *Aulacophora* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Laboissière (1934: 8, as *AULACOPHORINA*), generally accepted as in Seeno and Wilcox (1982: 97, as *AULACOPHORITES* [treated as Latin]).

- DIABROTICITES Chapuis, 1875: 165 [stem: *Diabrotic-*]. Type genus: *Diabrotica* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 297, as DIABROTICINI), generally accepted as in Riley et al. (2002: 639, as DIABROTICINA).
- CÉROTOMITES Chapuis, 1875: 229 [stem: *Cerotom-*]. Type genus: *Cerotoma* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 298, as CEROTOMINI), generally accepted as in Riley et al. (2002: 639, as CEROTOMITES [treated as Latin]).
- PLATYXANTHITES Chapuis, 1875: 243 [stem: *Platyxanth-*]. Type genus: *Platyxantha* Baly, 1864. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Jacoby (1884b: 226, as PLATYXANTHINAE).
- *THÉOPÉITES Chapuis, 1875: 241 [stem: *Theope-*]. Type genus: *Theopea* Baly, 1864. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); THEOPEIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); THEOPEINA Clench, 1955 (type genus *Theope* Doubleday, 1847) is available in Lepidoptera.
- SCELIDITES Chapuis, 1875: 184 [stem: *Scelid-*]. Type genus: *Scelida* Chapuis, 1875. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1884a: 62, as SCELIDINAE), generally accepted as in Riley et al. (2002: 639, as SCELIDITES [treated as Latin]).
- PHYLLOBROTICITES Chapuis, 1875: 163 [stem: *Phyllobrotic-*]. Type genus: *Phyllobrotica* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Leng (1920: 297, as PHYLLOBROTICINI), generally accepted as in Riley et al. (2002: 639, as PHYLLOBROTICITES [treated as Latin]).
- *AGETOCÉRITES Chapuis, 1875: 177 [stem: *Agetocer-*]. Type genus: *Agetocera* Hope, 1831 [*Agetocera* is an unjustified emendation of the original genus name *Aegelocerus* Hope, 1831 by Hope (1840a: 170); because *Agetocera* is in prevailing usage and has been attributed to the original author and date, e.g. Bezděk (2010a: 73, 2010c: 464) it is treated here as a justified emendation (Art. 33.2.3.1)]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); AGETOCERIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- MIMASTRITES Chapuis, 1875: 178 [stem: *Mimastr-*]. Type genus: *Mimastra* Baly, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in

- latinized form by Jacoby (1884a: 67, as MIMASTRINAE), generally accepted as in Weise (1903b: 334, as MIMASTRITES [treated as Latin]).
- ORNITHOGNATHITES Chapuis, 1875: 176 [stem: *Ornithognath-*]. Type genus: *Ornithognathus* J. Thomson, 1858. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Harold (1877: 110, as ORNITHOGNATHINAE), generally accepted as in Seeno and Wilcox (1982: 97, as ORNITHOGNATHITES [treated as Latin]).
- MONOLEPTITES Chapuis, 1875: 234 [stem: *Monolept-*]. Type genus: *Monolepta* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby (1884a: 61, as MONOLEPTINAE), generally accepted as in Riley et al. (2002: 639, as MONOLEPTITES [treated as Latin]).
- CEROPHYSITES Chapuis, 1875: 181 [stem: *Cerophys-*]. Type genus: *Cerophysa* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Seeno and Wilcox (1982: 97, as CEROPHYSIDES [treated as Latin]).
- PHYLLLECTHRITES G. H. Horn, 1893: 60, in key [stem: *Phyllecthr-*]. Type genus: *Phyllecthris* Dejean, 1836.
- RHAPHIDOPALPINI Weise, 1902: 140 [stem: *Raphidopalp-*]. Type genus: *Raphidopalpa* Chevrolat, 1836 [as *Rhaphidopalpa*, unjustified emendation of type genus name by Rosenhauer (1856: 325), not in prevailing usage; syn. of *Aulacophora* Chevrolat, 1836]. Comment: incorrect original stem formation, not in prevailing usage.
- ANDROLYPERINI Leng, 1920: 298 [stem: *Androlyper-*]. Type genus: *Androlyperus* Crotch, 1873.
- IDACANTHITES Laboissière, 1921: 63 [stem: *Idacanth-*]. Type genus: *Idacantha* Fairmaire, 1869.
- HYPERACANTHITES Laboissière, 1924: 142 [stem: *Hyperacanth-*]. Type genus: *Hyperacantha* Chapuis, 1879.
- MEGALOGNATHITES Laboissière, 1926: 185 [stem: *Megalognath-*]. Type genus: *Megalognatha* Baly, 1878.
- *EXOSOMITES Wilcox, 1965: 93 [stem: *Exosomat-*]. Type genus: *Exosoma* Jacoby, 1903. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.
- *TRACHYSCOLIDITES Wilcox, 1972: 430 [stem: *Trachyscelid-*]. Type genus: *Trachyscelida* G. H. Horn, 1893. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *ADOXITES Wilcox, 1973: 433 [stem: *Adoxi-*]. Type genus: *Adoxia* Broun, 1880. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).
- *EUMELEPTITES Wilcox, 1973: 447 [stem: *Eumelept-*]. Type genus: *Eumelepta* Jacoby, 1892. Comment: unavailable family-group name, proposed after 1930

without description or bibliographic reference to such a description (Art. 13.1).

*XENODITES Wilcox, 1973: 604 [stem: *Xenod-*]. Type genus: *Xenoda* Baly, 1877.

Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

*DORYSCITES Wilcox, 1973: 606 [stem: *Dorysc-*]. Type genus: *Doryscus* Jacoby, 1887. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe METACYCLINI Chapuis, 1875

MÉTACYCLITES Chapuis, 1875: 212 [stem: *Metacycl-*]. Type genus: *Metacycla* Baly, 1861. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Leng (1920: 298, as METACYCLINI), generally accepted as in Riley et al. (2002: 639, as METACYCLINI).

STICTOCEMITES Laboissière, 1922: 220 [stem: *Stictocem-*]. Type genus: *Stictocema* Jacoby, 1906.

*EXORINI Wilcox, 1965: 179 [stem: *Exor-*]. Type genus: *Exora* Chevrolat, 1836.

Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe OIDINI Laboissière, 1921 (1875)

ADORITES Chapuis, 1875: 155 [stem: *Adori-*]. Type genus: *Adorium* Fabricius, 1801 [syn. of *Oides* Weber, 1801]. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Lea (1925: 16, as ADORIITES [treated as Latin]); usage of younger name OIDINI Laboissière, 1921 conserved (Art. 40.2).

OÏDITES Laboissière, 1921: 38 [stem: *Oid-*]. Type genus: *Oides* Weber, 1801. Comment: usage of this name conserved over ADORIINI Chapuis, 1875 (Art. 40.2).

Subfamily LAMPROSOMATINAE Lacordaire, 1848

LAMPROSOMIDEAE Lacordaire, 1848: 559 [stem: *Lamprosomat-*]. Type genus: *Lamprosoma* Kirby, 1819.

Tribe LAMPROSOMATINI Lacordaire, 1848

LAMPROSOMIDEAE Lacordaire, 1848: 559 [stem: *Lamprosomat-*]. Type genus: *Lamprosoma* Kirby, 1819. Comment: incorrect original stem formation, not in prevailing usage.

Tribe NEOCHLAMYSINI Monrós, 1959

NEOCHLAMYSINI Monrós, 1959b: 29 [stem: *Neochlamys-*]. Type genus: *Neochlamys* Jacoby, 1882. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Neochlamyid-*).

Tribe SPHAEROCHARINI Chapuis, 1874

SPHROCHARIDES Chapuis, 1874: 206 [stem: *Sphaerochar-*]. Type genus: *Sphaerocharis* Lacordaire, 1848 [as *Sphoerocharis*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 248, as SPHAEROCHARINI), generally accepted as in Monrós (1956: 32, as SPHAEROCHARINI); current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Sphaerocharit-*).

Subfamily CRYPTOCEPHALINAE Gyllenhal, 1813

CRYPTOCEPHALOIDEAE Gyllenhal, 1813: 582 [stem: *Cryptocephal-*]. Type genus: *Cryptocephalus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Tribe CLYTRINI Kirby, 1837

CLYTHRIDAE Kirby, 1837: 207 [stem: *Clytr-*]. Type genus: *Clytra* Laicharting, 1781 [as *Clythra*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

MEGALOSTOMIDEAE Lacordaire, 1848: 486 [stem: *Megalostomid-*]. Type genus: *Megalostomis* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.

BABIDEAE Lacordaire, 1848: 394 [stem: *Babi-*]. Type genus: *Babia* Chevrolat, 1836. Comment: incorrect original stem formation, not in prevailing usage.

ISCHIOPACHITES Chapuis, 1874: 151 [stem: *Ischiopache-*]. Type genus: *Ischiopachys* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Jacoby and Clavareau (1906: 75, as ISCHIOPACHITAE), generally accepted as in Riley et al. (2002: 639, as ISCHIOPACHINA); incorrect original stem formation, not in prevailing usage.

MELOLONTHINI Bedel, 1891: 106 [stem: *Melolonth-*]. Type genus: *Melolontha* Geoffroy, 1762 [preoccupied genus name, not *Melolontha* Fabricius, 1775 [Coleoptera: SCARABAEIDAE]; placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1994a); syn. of *Clytra* Laicharting, 1781]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EOCLYTRINI Monrós, 1958b: 35 [stem: *Eoclytr-*]. Type genus: *Eoclytra* Monrós, 1958.

ARATEINI Moldenke, 1981: 85, in key [stem: *Arate-*]. Type genus: *Aratea* Lacordaire, 1848.

Tribe CRYPTOCEPHALINI Gyllenhal, 1813

CRYPTOCEPHALOIDEAE Gyllenhal, 1813: 582 [stem: *Cryptocephal-*]. Type genus: *Cryptocephalus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe ACHAENOPINA Chapuis, 1874

ACHAENOPITES Chapuis, 1874: 171 [stem: *Achaenop-*]. Type genus: *Achaenops* Suffrian, 1857. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Clavareau (1913b: 109, as ACHAENOPINI).

Subtribe CRYPTOCEPHALINA Gyllenhal, 1813

CRYPTOCEPHALOIDEAE Gyllenhal, 1813: 582 [stem: *Cryptocephal-*]. Type genus: *Cryptocephalus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)].

Subtribe MONACHULINA Leng, 1920

*MONACHIDEN Suffrian, 1863: 79 [stem: *Monach-*]. Type genus: *Monachus* Chevrolat, 1836 [preoccupied genus name, not *Monachus* Fleming, 1822 [Mammalia], not *Monachus* Kaup, 1829 [Aves]; syn. of *Lexiphanes* Gistel, 1848]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Suffrian (1863).

MONACHITES Chapuis, 1874: 172 [stem: *Monach-*]. Type genus: *Monachus* Chevrolat, 1836 [preoccupied genus name, not *Monachus* Fleming, 1822 [Mammalia], not *Monachus* Kaup, 1829 [Aves]; syn. of *Lexiphanes* Gistel, 1848]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 342, as MONACHI), generally accepted as in Liu (1935: 286, as MONACHINI); permanently invalid (Art. 39): based on preoccupied type genus; MONACHINAE Trouessart, 1897 (type genus *Monachus* Fleming, 1822) is available in Mammalia.

MONACHULINI Leng, 1920: 290 [stem: *Monachul-*]. Type genus: *Monachulus* Leng, 1918 [syn. of *Lexiphanes* Gistel, 1848].

Subtribe PACHYBRACHINA Chapuis, 1874

*PACHYBRACHIDEN Suffrian, 1863: 79 [stem: *Pachybrach-*]. Type genus: *Pachybrachis* Chevrolat, 1836. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Suffrian (1863).

PACHYBRACHITES Chapuis, 1874: 163 [stem: *Pachybrach-*]. Type genus: *Pachybrachis* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte and G. H. Horn (1883: 342, as PACHYBRACHI), generally accepted as in Burakowski et al. (1990: 63, as PACHYBRACHINI).

Subtribe STYLOSOMINA Chapuis, 1874

STYLOSOMITES Chapuis, 1874: 162 [stem: *Stylosom-*]. Type genus: *Stylosomus* Suffrian, 1848. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Sharp (1876: 99, as *STYLOSOMITES* [treated as Latin]), generally accepted as in Liu (1935: 292, as *STYLOSOMINI*).

Tribe FULCIDACINI Jakobson, 1924

*CHLAMYTES Blanchard, 1845b: 186 [stem: *Chlamyd-*]. Type genus: *Chlamys* Knoch, 1801 [preoccupied genus name, not *Chlamys* Bolten, 1798 [Mollusca]; syn. of *Chlamisus* Rafinesque, 1815]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Blanchard (1845b); incorrect original stem formation, not in prevailing usage.

CHLAMYDEAE Lacordaire, 1848: 636 [stem: *Chlamyd-*]. Type genus: *Chlamys* Knoch, 1801 [preoccupied genus name, not *Chlamys* Bolten, 1798 [Mollusca]; syn. of *Chlamisus* Rafinesque, 1815]. Comment: incorrect original stem formation, not in prevailing usage; permanently invalid (Art. 39): based on preoccupied type genus.

FULCIDACINA Jakobson, 1924: 239 [stem: *Fulcidac-*]. Type genus: *Fulcidax* Clavareau, 1913 [for comments on the authorship of this genus see Bezděk (2010b: 76); syn. of *Poropleura* Lacordaire, 1848]. Comment: we use FULCIDACINI Jakobson, 1924 as valid for this taxon as in Bezděk (2010b: 76).

CHLAMISINAE Gressitt, 1946: 84 [stem: *Chlamis-*]. Type genus: *Chlamisus* Rafinesque, 1815. Comment: replacement name for CHLAMYDINAE Lacordaire, 1848 because of the homonymy of the type genus.

Subfamily EUMOLPINAE Hope, 1840

EUMOLPIDAE Hope, 1840a: 162 [stem: *Eumolp-*]. Type genus: *Eumolpus* Kugelann, 1798 [an application to suppress *Eumolpus* Kugelann, 1798 and conserve *Eumolpus* Weber, 1801 was recently submitted to the Commission by Moseyko et al. (2010)].

Tribe BROMIINI Baly, 1865 (1863)

ADOXINAE Baly, 1863: 146 [stem: *Adox-*]. Type genus: *Adoxus* Kirby, 1837 [syn. of *Bromius* Chevrolat, 1836]. Comment: use of younger name BROMIINI Baly, 1865 conserved over this name (Art. 40.2).

HETERASPINAE Baly, 1863: 147 [stem: *Heteraspid-*]. Type genus: *Heteraspis* Chevrolat, 1836 [this genus (incorrectly attributed to “Chevrolat, 1837”) has been treated as a synonym of *Scelodonta* Westwood, 1837 in the literature; *Heteraspis* was in fact made available by Chevrolat (1836: 413) and is a senior synonym of *Scelodonta* Westwood, 1837 (also see Löbl 2010: 83)]. Comment: although this is the oldest name for the tribe, we recommend that an application be sent to the Commission in order to conserve usage of BROMIINI Baly, 1865; incorrect original stem formation, not in prevailing usage.

BROMIINAE Baly, 1865: 438 [stem: *Bromi-*]. Type genus: *Bromius* Chevrolat, 1836 [an application to conserve *Bromius* Chevrolat, 1836, threatened by the older name *Eumolpus* Kugelann, 1798, was recently submitted to the Commission

- by Moseyko et al. (2010)]. Comment: use of family-group name conserved over ADOXIINI Baly, 1863 (Art. 40.2).
- MYOCHROINAE Baly, 1865: 433 [stem: *Myochro-*]. Type genus: *Myochrous* Erichson, 1847.
- LEPROTITES Chapuis, 1874: 268 [stem: *Leprotet-*]. Type genus: *Leptotes* Baly, 1863 [syn. of *Fidia* Motschulsky, 1860]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 71, as LEPROTITAE), generally accepted as in Riley et al. (2002: 639, as LEPROTITES [treated as Latin]); incorrect original stem formation, not in prevailing usage.
- PSEUDOCOLASPITES Chapuis, 1874: 287 [stem: *Pseudocolaspid-*]. Type genus: *Pseudocolaspis* Laporte, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 84, as PSEUDOCOLASPITAE); incorrect original stem formation, not in prevailing usage.
- SCELODONTITES Chapuis, 1874: 266 [stem: *Scelodont-*]. Type genus: *Scelodonta* Westwood, 1838 [syn. of *Heteraspis* Chevrolat, 1836]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 67, as SCELODONTITAE), generally accepted as in Riley et al. (2002: 639, as SCELODONTITES [treated as Latin]).
- TOMYRITES Chapuis, 1874: 264 [stem: *Tomyri-*]. Type genus: *Tomyris* Chapuis, 1874 [preoccupied genus name, not *Tomyris* Eichald, 1831 [Reptilia]; syn. of *Eboo* Reid, 1993]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 64, as TOMYRITAE); permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.
- *GONIOPLEURITES Chapuis, 1875: 247 [stem: *Goniopleur-*]. Type genus: *Goniopleura* Westwood, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Chapuis (1875); GONIOPLEURIDAE was used as valid by Ienistea (1986: 31) but it was not attributed to Chapuis (1875); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); usage of the name GONIOPLEURIDAE dates back at least to the 1850's in Trilobita, however it is based on the junior homonym *Goniopleura* Hawle and Corda 1847 and the trilobite family-group name is therefore permanently invalid (Art. 39).
- EUBRACHINI Jacoby, 1908: 432 [stem: *Eubrach-*]. Type genus: *Eubrachis* sensu Baly, 1878 [not *Eubrachis* Dejean, 1836; syn. of *Macrocoma* Chapuis, 1874]. Comment: based on misidentified type genus.
- NERISSINI Kuntzen, 1912: 42 [stem: *Neriss-*]. Type genus: *Nerissus* Chapuis, 1874.
- CYNOINI Clavareau, 1914: 109 [stem: *Cynoi-*]. Type genus: *Cyno* T. A. Marshall, 1865. Comment: incorrect original stem formation, not in prevailing usage.
- ODONTIONOPINI Clavareau, 1914: 63 [stem: *Odontionop-*]. Type genus: *Odontionopa* Erichson, 1842 [preoccupied genus name, not *Odontionopa* Chevrolat,

1836 [Coleoptera: CHRYSOMELIDAE: EUMOLPINAE: EURYOPINI]; syn. of *Eboo* Reid, 1993]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

TRICHOCHRYSEINI Clavareau, 1914: 82 [stem: *Trichochryse*]. Type genus: *Trichochrysea* Baly, 1861.

LYPESTHINI Chûjô, 1956: 87 [stem: *Lypesthet*]. Type genus: *Lypesthes* Baly, 1863 [conservation of usage of this name over *Fidia* Motschulsky, 1860 rejected by Commission (ICZN 2009c); syn. of *Fidia* Motschulsky, 1860]. Comment: name proposed to replace LEPROTINI Chapuis, 1874 because of the synonymy of the type genus; incorrect original stem formation, not in prevailing usage.

EBOOINA Reid, 1993: 61 [stem: *Eboo*]. Type genus: *Eboo* Reid, 1993. Comment: replacement name for TOMYRITES Chapuis, 1874 because of the homonymy of the type genus.

Tribe CARYONODINI Bechyné, 1951

CARYONODINI Bechyné, 1951: 265 [stem: *Caryonod*]. Type genus: *Caryonoda* Bechyné, 1951.

Tribe CUBISPINI Monrós, 1954

CUBISPINI Monrós, 1954: 26 [stem: *Cubisp*]. Type genus: *Cubispa* Barber, 1946.

Tribe EUMOLPINI Hope, 1840

EUMOLPIDAE Hope, 1840a: 162 [stem: *Eumolp*]. Type genus: *Eumolpus* Kugelann, 1798 [an application to suppress *Eumolpus* Kugelann, 1798 and conserve *Eumolpus* Weber, 1801 was recently submitted to the Commission by Moseyko et al. (2010)]. Comment: First Reviser (EUMOLPINI Hope, 1840 vs COLASPIDINI Hope, 1840) not determined, current usage maintained.

COLASPIDAE Hope, 1840a: 163 [stem: *Colaspid*]. Type genus: *Colaspis* Fabricius, 1801. Comment: incorrect original stem formation, not in prevailing usage.

CORYNODINA T. A. Marshall, 1865: 29 [stem: *Corynod*]. Type genus: *Corynodes* Hope, 1840 [syn. of *Platycorynus* Chevrolat, 1836].

CHALCOPHANITES Chapuis, 1874: 256 [stem: *Chalcophan*]. Type genus: *Chalcophana* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 50, as CHALCOPHANITAE).

EDUSITES Chapuis, 1874: 306 [stem: *Edus*]. Type genus: *Edusa* Chapuis, 1874 [preoccupied genus name, not *Edusa* Gistel, 1848 [Tunicata], not *Edusa* Albers, 1860 [Gastropoda] and not *Edusa* Martens 1860 [Mollusca]; syn. of *Edusella* Chapuis, 1874]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 111, as EDUSITAE); permanently invalid (Art. 39): based on preoccupied type genus.

ENDOCÉPHALITES Chapuis, 1874: 343 [stem: *Endocephal*]. Type genus: *Endocephalus* Chevrolat, 1836. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 154, as ENDOCEPHALITAE).

IPHIMÉITES Chapuis, 1874: 230 [stem: *Iphime*-.]. Type genus: *Iphimeis* Baly, 1864.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 12, as IPHIMEITAE), generally accepted as in Riley et al. (2002: 639, as IPHIMEITES [treated as Latin]).

CHRYSDODINITAE Lefèvre, 1885: 5 [stem: *Chrysodin*-.]. Type genus: *Chrysodina* Baly, 1864 [syn. of *Spintherophyta* Dejean, 1836].

EDUSELLINI Clavareau, 1914: 121 [stem: *Edusell*-.]. Type genus: *Edusella* Chapuis, 1874.

COLASPOIDINI Chen, 1940: 488 [stem: *Colaspoid*-.]. Type genus: *Colaspoides* Laporte, 1833.

Tribe EURYOPINI Chapuis, 1874

EURYOPITES Chapuis, 1874: 302 [stem: *Euryop*-.]. Type genus: *Euryope* Dalman, 1824. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 108, as EURYOPITAE).

ODONTIONOPITES Lefèvre, 1876: 301 [stem: *Odontionop*-.]. Type genus: *Odontionopa* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 65, as ODONTIONOPITAE).

PRASOIDEINI Clavareau, 1914: 65 [stem: *Prasoide*-.]. Type genus: *Prasoidea* Weise, 1907 [syn. of *Odontionopa* Chevrolat, 1836].

*COLASPOSOMINI Bechyné, 1957: 7, 8 [stem: *Colasposomat*-.]. Type genus: *Colasposoma* Laporte, 1833. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

COLASPOSOMINI Špringlová de Bechyné, 1960: 3 [stem: *Colasposomat*-.]. Type genus: *Colasposoma* Laporte, 1833. Comment: incorrect original stem formation, not in prevailing usage.

Tribe HABROPHORINI Bechyné and Špringlová de Bechyné, 1969

HABROPHORINI Bechyné and Špringlová de Bechyné, 1969: 75 [stem: *Habrophor*-.]. Type genus: *Habrophora* Erichson, 1847.

Tribe HEMYDACNINI Bechyné, 1951

HEMYDACNINI Bechyné, 1951: 91 [stem: *Hemydacn*-.]. Type genus: *Hemydacne* Jacoby, 1897.

Tribe MEGASCCELIDINI Chapuis, 1874

MÉGASCÉLIDES Chapuis, 1874: 82 [stem: *Megascelid*-.]. Type genus: *Megascelis* Sturm, 1826. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Jacoby and Clavareau (1905: 1, as MEGASCELIDAE [incorrect stem formation]), generally accepted as in Riley et al. (2002: 639, as MEGASCELIDINI); incorrect original stem formation, not in prevailing usage.

Tribe MERODINI Chapuis, 1874

MERODITES Chapuis, 1874: 327 [stem: *Merod-*]. Type genus: *Meroda* Baly, 1860.

Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 128, as MERODITAE).

Tribe PYGOMOLPINI Bechyné, 1949

PYGOMOLPINI Bechyné, 1949: 532 [stem: *Pygomolp-*]. Type genus: *Pygomolpus* Bechyné, 1949.

Tribe ROSIROIINI Bechyné, 1950

ROSIROIINI Bechyné, 1950b: 148 [stem: *Rosiroi-*]. Type genus: *Rosiroia* Bechyné, 1950.

Tribe TYPOPHORINI Baly, 1865

TYPOPHORINAE Baly, 1865: 433 [stem: *Typophor-*]. Type genus: *Typophorus* Chevrolat, 1836.

CALLISINITES Chapuis, 1874: 263 [stem: *Callisin-*]. Type genus: *Callisina* Baly, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 63, as CALLISINITAE).

MÉTACHROMITES Chapuis, 1874: 295 [stem: *Metachromat-*]. Type genus: *Metachroma* Chevrolat, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 92, as METACHROMITAE), generally accepted as in Riley et al. (2002: 639, as METACHROMITES [treated as Latin]); incorrect original stem formation, not in prevailing usage.

NODOSTOMITES Chapuis, 1874: 261 [stem: *Nodostomat-*]. Type genus: *Nodostoma* Motschulsky, 1860 [syn. of *Basilepta* Baly, 1860]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 56, as NODOSTOMITAE); incorrect original stem formation, not in prevailing usage.

PAGRITES Lefèvre, 1884: lxvii [stem: *Pagri-*]. Type genus: *Pagria* Lefèvre, 1884. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Lefèvre (1885: 62, as PAGRIITAE).

CHEIRIDEITAE Lefèvre, 1885: 67 [stem: *Cheiride-*]. Type genus: *Cheiridea* Baly, 1878. NODININI Chen, 1940: 487 [stem: *Nodin-*]. Type genus: *Nodina* Motschulsky, 1858.

BASILEPTINI Chûjô, 1956: 9 [stem: *Basilept-*]. Type genus: *Basilepta* Baly, 1860. Comment: name proposed to replace NODOSTOMINI Chapuis, 1874 because of the synonymy of the type genus.

NODINI Selman, 1965: 145 [stem: *Nod-*]. Type genus: *Noda* Chevrolat, 1836 [pre-occupied genus name, not *Noda* Schellenberg 1803 [Diptera]; syn. of *Brachypnoea* Gistel, 1848]. Comment: permanently invalid (Art. 39): based on pre-occupied type genus.

EUMOLPINAE *incertae sedis*

*EUPALINI Verma et al., 2005: 164 [stem: *Eupal-*]. Type genus: *Eupales* Lefèvre, 1885 [although *Floricola* Gistel, 1848 is an older available name for this genus, almost all authors have used *Eupales* Lefèvre, 1885 in the last 125 years; we use *Eupales* Lefèvre, 1885 as valid here pending a vote on its conservation following a recent submission to the Commission by Jolivet and Verma (Bulletin of Zoological Nomenclature 2009: 204; also see Appendix 6)]. Comment: unavailable family-group name, proposed after 1999 without explicit intention (Art. 16.1); included here as “*incertae sedis*” as was done in the most recent volume of the Catalogue of Palaearctic Coleoptera (see Löbl 2010: 83); notice of a new application for the conservation of *Eupales* Lefèvre, 1885 and EUPALINI Verma et al. submitted by Jolivet and Verma was recently published in the Bulletin of Zoological Nomenclature (2009: 204; also see Appendix 6).

Subfamily SPILOPYRINAE Chapuis, 1874

SPILOPYRITES Chapuis, 1874: 259 [stem: *Spilopyr-*]. Type genus: *Spilopyra* Baly, 1860. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Lefèvre (1885: 56, as SPILOPYRITAE), generally accepted as in Reid (2000: 852, as SPILOPYRINAE); First Reviser found (SPILOPYRINAE Chapuis, 1874 vs STENOMELINAE Chapuis, 1874) is Reid (2000: 852).

STENOMELITES Chapuis, 1874: 421 [stem: *Stenomel-*]. Type genus: *Stenomela* Erichson, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Monrós (1958c: 146, as STENOMELINI).

HORNIBIINI Crowson, 1946: 79, in key [stem: *Hornibi-*]. Type genus: *Hornibius* Fairmaire, 1888 [syn. of *Hornius* Fairmaire, 1885].

Subfamily SYNETINAE LeConte and Horn, 1883

SYNETAE J. L. LeConte and G. H. Horn, 1883: 338 [stem: *Synet-*]. Type genus: *Syneta* Dejean, 1835.

SYNETIDAE Edwards, 1953: 29 [stem: *Synet-*]. Type genus: *Syneta* Dejean, 1835. Comment: family-group name proposed as new without reference to SYNETAE J. L. LeConte and G. H. Horn, 1883.

†Subfamily PROTOSCELIDINAE Medvedev, 1968

PROTOSCELINAE L. N. Medvedev, 1968: 155 [stem: *Protoscelid-*]. Type genus: *Protoscelis* L. N. Medvedev, 1968. Comment: incorrect original stem formation, not in prevailing usage.

Superfamily CURCULIONOIDEA Latreille, 1802

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion-*]. Type genus: *Curculio* Linnaeus, 1758.

Family NEMONYCHIDAE Bedel, 1882

NEMONYCHIDAE Bedel, 1882: 3, in key [stem: *Nemonych-*]. Type genus: *Nemonyx* Redtenbacher, 1845 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: given precedence over CIMBERIDIDAE Gozis, 1882 and placed on the Official List of Family-Group Names in Zoology (ICZN 2005c).

Subfamily NEMONYCHINAE Bedel, 1882

NEMONYCHIDAE Bedel, 1882: 3, in key [stem: *Nemonych-*]. Type genus: *Nemonyx* Redtenbacher, 1845 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 2005c).

Subfamily CIMBERIDINAE Gozis, 1882

CIMBERIDAE Gozis, 1882: 58 [stem: *Cimberid-*]. Type genus: *Cimberis* Gozis, 1881 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: CIMBERIDAE Gozis, 1882 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology and CIMBERIDIDAE Gozis, 1882 placed on the Official List of Family-Group Names in Zoology (ICZN 2005c).

Tribe CIMBERIDINI Gozis, 1882

RHINOMACERIDES Schönherr, 1823: column 1136 [stem: *Rhinomacr-*]. Type genus: *Rhinomacer* sensu A. G. Olivier, 1807 [not *Rhinomacer* Fabricius, 1781; syn. of *Cimberis* Gozis, 1881]. Comment: placed on the Official Index of Rejected and Invalid Family-Group Names (ICZN 2005c).

CIMBERIDAE Gozis, 1882: 58 [stem: *Cimberid-*]. Type genus: *Cimberis* Gozis, 1881 [placed on the Official List of Generic Names in Zoology (ICZN 2005c)]. Comment: CIMBERIDAE Gozis, 1882 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology and CIMBERIDIDAE Gozis, 1882 placed on the Official List of Family-Group Names in Zoology (ICZN 2005c); incorrect original stem formation, not in prevailing usage.

*NEOCIMBERINI O'Brien and Wibmer, 1982: 3 [stem: *Neocimberid-*]. Type genus: *Neocimberis* O'Brien and Wibmer, 1982 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 2005c)]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); incorrect original stem formation, not in prevailing usage.

Tribe DOYDIRHYNCHINI Pierce, 1916

DOYDIRHYNCHOIDEA Pierce, 1916: 463, in key [stem: *Doydirhynch-*]. Type genus: *Doydirhynchus* Dejean, 1821.

†Tribe KUSCHELOMACRINI Riedel, 2010

KUSCHELOMACERINI Riedel, 2010: 31 [stem: *Kuschelomacr-*]. Type genus: *Kuschelomacer* Riedel, 2010. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily RHINORHYNCHINAE Voss, 1922

RHINORHYNCHINI Voss, 1922: 17 [stem: *Rhinorhynch-*]. Type genus: *Rhinorhynchus* Sharp, 1882.

Tribe MECOMACERINI Kuschel, 1994

MECOMACERINI Kuschel, 1994: 576, in key [stem: *Mecomacer-*]. Type genus: *Mecomacer* Kuschel, 1954. Comment: current spelling maintained (Art. 29.5); incorrect original stem formation in prevailing usage (should be *Mecomacr-*).

Subtribe BRARINA Legalov, 2009

BRARINA Legalov, 2009b: 208 [stem: *Brar-*]. Type genus: *Brarus* Kuschel, 1997.

Subtribe MECOMACERINA Kuschel, 1994

*MECOMACERINI May, 1993: 15, in key [stem: *Mecomacer-*]. Type genus: *Mecomacer* Kuschel, 1954. Comment: unavailable family-group name, description shared with RHYNCHITOPLESINI, not unequivocal (Art. 13.1.1) (see Alonso-Zarazaga and Lyal 1999: 27).

*RHYNCHITOPLESINI May, 1993: 15, in key [stem: *Rhynchitoplesi-*]. Type genus: *Rhynchitoplesius* Voss, 1952. Comment: unavailable family-group name, description shared with MECOMACERINI, not unequivocal (Art. 13.1.1) (see Alonso-Zarazaga and Lyal 1999: 27).

MECOMACERINI Kuschel, 1994: 576, in key [stem: *Mecomacer-*]. Type genus: *Mecomacer* Kuschel, 1954. Comment: current spelling maintained (Art. 29.5); incorrect original stem formation in prevailing usage (should be *Mecomacr-*).

Tribe RHINORHYNCHINI Voss, 1922

RHINORHYNCHINI Voss, 1922: 17 [stem: *Rhinorhynch-*]. Type genus: *Rhinorhynchus* Sharp, 1882.

RHYNCHITOMACERINI May, 1993: 15, in key [stem: *Rhynchitomacr-*]. Type genus: *Rhynchitomacer* Voss, 1937. Comment: incorrect original stem formation, not in prevailing usage.

†Subfamily SLONIKINAE Zherikhin, 1977

SLONIKINAE Zherikhin, 1977: 179 [stem: *Slonik*-.] Type genus: *Slonik* Zherikhin, 1977.

†Tribe SLONIKINI Zherikhin, 1977

SLONIKINAE Zherikhin, 1977: 179 [stem: *Slonik*-.] Type genus: *Slonik* Zherikhin, 1977.

†Tribe ULYANISCINI Legalov, 2009

ULYANISCINI Legalov, 2009a: 128 [stem: *Ulyanisc*-.] Type genus: *Ulyanisca* Gratshev, 1998.

†Subfamily ECCOPTARTHRIINAE Arnoldi, 1977

ECCOPTARTHRIINAE Arnoldi, 1977: 169 [stem: *Eccoptarthr*-.] Type genus: *Eccoptarthrus* Arnoldi, 1977.

MESOPHYLETINAE Poinar, 2006: 879 [stem: *Mesophylet*-.] Type genus: *Mesophyletis* Poinar, 2006. Comment: Poinar (2008: 262) unnecessarily revalidated this name on the basis of Art. 16.2, the criteria of availability were met in the original description in 2006 where the name of the type genus was cited.

†Subfamily BRENTHORRHININAE Arnoldi, 1977

BRENTHORRHININAE Arnoldi, 1977: 172 [stem: *Brenthorrhin*-.] Type genus: *Brenthorrhinus* Arnoldi, 1977. Comment: placement according to Legalov (2009c: 289).

†Tribe BRENTHORRHININI Arnoldi, 1977

BRENTHORRHININAE Arnoldi, 1977: 172 [stem: *Brenthorrhin*-.] Type genus: *Brenthorrhinus* Arnoldi, 1977.

†Tribe BRENTHORRHINOIDINI Legalov, 2003

BRENTHORRHINOIDINI Legalov, 2003: 88 [stem: *Brenthorrhinoid*-.] Type genus: *Brenthorrhinoides* Gratshev and Zherikhin, 1996.

†Subfamily DISTENORRHININAE Arnoldi, 1977

DISTENORRHININI Arnoldi, 1977: 170 [stem: *Distenorrhin*-.] Type genus: *Distenorrhinus* Arnoldi, 1977. Comment: placement according to Legalov (2009c: 290).

†Subfamily EOBELINAE Arnoldi, 1977

EOBELIDAE Arnoldi, 1977: 144 [stem: *Eobel*-.] Type genus: *Eobelus* Arnoldi, 1977. Comment: precedence (OXYCORYNOIDINAE Arnoldi, 1977 vs NANOPHYDINAE Arnoldi, 1977 vs EOBELINAE Arnoldi, 1977) given to taxon originally proposed at the higher rank (Art. 24.1).

†Tribe EOBELINI Arnoldi, 1977

EOBELIDAE Arnoldi, 1977: 144 [stem: *Eobel*-.] Type genus: *Eobelus* Arnoldi, 1977.

Comment: precedence (EOBELINI Arnoldi, 1977 vs PROCURCULIONINI Arnoldi, 1977) given to taxon originally proposed at the higher rank (Art. 24.1).

†Subtribe EOBELINA Arnoldi, 1977

EOBELIDAE Arnoldi, 1977: 144 [stem: *Eobel*-.] Type genus: *Eobelus* Arnoldi, 1977.

†Subtribe PROCURCULIONINA Arnoldi, 1977

PROCURCULIONINI Arnoldi, 1977: 157 [stem: *Procurculion*-.] Type genus: *Procurculio* Arnoldi, 1977. Comment: First Reviser (ECCOPTOTHORACINA Arnoldi, 1977 vs PROCURCULIONINA Arnoldi, 1977) not determined, current usage maintained.

ECCOPTOTHORACINI Arnoldi, 1977: 158 [stem: *Eccoptothorac*-.] Type genus: *Eccoptothorax* Arnoldi, 1977.

†Tribe KARATAUCARINI Legalov, 2009

KARATAUCARINI Legalov, 2009c: 288 [stem: *Karataucar*-.] Type genus: *Karataucar* Legalov, 2009.

†Tribe NANOPHYDINI Arnoldi, 1977

NANOPHYDINAE Arnoldi, 1977: 173 [stem: *Nanophyd*-.] Type genus: *Nanophydes* Arnoldi, 1977.

†Tribe OXYCORYNOIDINI Arnoldi, 1977

OXYCORYNOIDINAE Arnoldi, 1977: 159 [stem: *Oxycorynoid*-.] Type genus: *Oxycorynoides* Arnoldi, 1977.

†Tribe PROBELINI Legalov, 2009

PROBELINI Legalov, 2009c: 287 [stem: *Probel*-.] Type genus: *Probelus* Arnoldi, 1977.

†Subfamily PALEOCARTINAE Legalov, 2003

PALEOCARTINI Legalov, 2003: 78 [stem: *Paleocart*-.] Type genus: *Paleocartus* Legalov, 2003.

†Tribe NEBRENTHORRHININI Legalov, 2007

NEBRENTHORRHININA Legalov, 2007: 34 [stem: *Nebrenthorrhin*-.] Type genus: *Nebrenthorrhinus* Legalov, 2003. Comment: placement according to Legalov (2009c: 288).

†Tribe PALEOCARTINI Legalov, 2003

PALEOCARTINI Legalov, 2003: 78 [stem: *Paleocart-*]. Type genus: *Paleocartus* Legalov, 2003. Comment: placement according to Legalov (2009c: 288).

†Subfamily METRIOXENOIDINAE Legalov, 2009

METRIOXENOIDINAE Legalov, 2009c: 288 [stem: *Metrioxenoid-*]. Type genus: *Metrioxenoides* Gratshev et al., 1998.

†Subfamily CRETONEMONYCHINAE Gratshev and Legalov, 2009

CRETONEMONYCHINAE Gratshev and Legalov, 2009: 412 [stem: *Cretonemonych-*]. Type genus: *Cretonemonyx* Gratshev and Legalov, 2009.

†Subfamily SELENGARHYNCHINAE Gratshev and Legalov, 2009

SELENGARHYNCHINAE Gratshev and Legalov, 2009: 414 [stem: *Selengarhynch-*]. Type genus: *Selengarhynchus* Gratshev and Legalov, 2009.

Family ANTHRIBIDAE Billberg, 1820

ANTHRIBIDES Billberg, 1820a: 39 [stem: *Anthrib-*]. Type genus: *Anthribus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: placed on the Official List of Family-Group Names in Zoology and given priority over CHORAGIDAE Kirby, 1819 (ICZN 1994b).

Subfamily ANTHRIBINAE Billberg, 1820

ANTHRIBIDES Billberg, 1820a: 39 [stem: *Anthrib-*]. Type genus: *Anthribus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: placed on the Official List of Family-Group Names in Zoology and given priority over CHORAGIDAE Kirby, 1819 (ICZN 1994b).

Tribe ANTHRIBINI Billberg, 1820

ANTHRIBIDES Billberg, 1820a: 39 [stem: *Anthrib-*]. Type genus: *Anthribus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1994a)]. Comment: placed on the Official List of Family-Group Names in Zoology and given priority over CHORAGIDAE Kirby, 1819 (ICZN 1994b).

BRACHYTARSINA C. G. Thomson, 1859: 128 [stem: *Brachytars-*]. Type genus: *Brachytarsus* Schönherr, 1823 [syn. of *Anthribus* Geoffroy, 1762].

BRACHYTARSINI Pierce, 1930: 22, in key [stem: *Brachytars-*]. Type genus: *Brachytarsus* Schönherr, 1823 [syn. of *Anthribus* Geoffroy, 1762]. Comment: family-group name proposed as new without reference to BRACHYTARSINA C. G. Thomson, 1859.

Tribe BASITROPINI Lacordaire, 1865

BASITROPIDES Lacordaire, 1865: 566 [stem: *Basitrop-*]. Type genus: *Basitropis* Jekel, 1855. Comment: original vernacular name available (Art. 11.7.2); first used in

latinized form by Stein (1868: 115, as BASITROPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 28, as BASITROPIDINI [incorrect stem formation]); Alonso-Zarazaga and Lyal (1999: 28) used the spelling BASITROPIDINI but the same authors subsequently (2002: 4) reverted to BASITROPINI; precedence (BASITROPINI Lacordaire, 1865 vs EUGONINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

EUGONIDES Lacordaire, 1865: 569 [stem: *Eugon-*]. Type genus: *Eugonus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sharp (1873: 32, as EUGONIDES [treated as Latin]); synonymy with BASITROPINI by Alonso-Zarazaga and Lyal (2002: 4).

PHAENITHONINI Pierce, 1930: 4, in key [stem: *Phaenithon-*]. Type genus: *Phaenithon* Schönherr, 1826.

Tribe CORRHECERINI Lacordaire, 1865

CORRHÉCÉRIDES Lacordaire, 1865: 547 [stem: *Corrhecer-*]. Type genus: *Corrhecerus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Morimoto (1981: 78, as CORRHECERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 29, as CORRHECERINI).

NESSIARINI Morimoto, 1972: 38, in key [stem: *Nessiara-*]. Type genus: *Nessiara* Pascoe, 1860.

Tribe CRATOPARINI LeConte, 1876

CRATOPARES J. L. LeConte, 1876: 403 [stem: *Cratopar-*]. Type genus: *Cratoparis* Dejean, 1834 [syn. of *Euparius* Schönherr, 1823]. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Cratoparent-*).

EUPARIINI B. D. Valentine, 1960: 49, in key [stem: *Eupari-*]. Type genus: *Euparius* Schönherr, 1823. Comment: junior homonym of EUPARIINI A. Schmidt, 1910 (type genus *Euparia* Lepeletier and Serville, 1828) in SCARABAEIDAE.

†Tribe CRETANTHRIBINI Legalov, 2009

CRETANTHRIBINI Legalov, 2009c: 291 [stem: *Cretanthrib-*]. Type genus: *Cretanthribus* Legalov, 2009.

Tribe DECATAPHANINI Lacordaire, 1865

DÉCATAPHANIDES Lacordaire, 1865: 556 [stem: *Decataphan-*]. Type genus: *Decataphanes* Labram and Imhoff, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as DECATOPHANINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 30, as DECATAPHANINI).

Tribe DISCOTENINI Lacordaire, 1865

DISCOTÉNIDES Lacordaire, 1865: 500 [stem: *Discoten-*]. Type genus: *Discotenes* Labram and Imhoff, 1841. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pierce (1930: 4, as DISCOTENINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 30, as DISCOTENINI).

Tribe ECELONERINI Lacordaire, 1865

ECÉLONÉRIDES Lacordaire, 1865: 562 [stem: *Eceloner-*]. Type genus: *Ecelonerus* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Morimoto (1972: 38, as ECELONERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 30, as ECELONERINI).

Tribe ISCHNOCERINI Lacordaire, 1865

ISCHNOCÉRIDES Lacordaire, 1865: 504 [stem: *Ischnocer-*]. Type genus: *Ischnocerus* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 393, as ISCHNOCERI), generally accepted as in Alonso-Zarazaga and Lyal (2002: 5, as ISCHNOCERINI); the Hymenoptera name ISCHNOCERINI Clement, 1938 (type genus *Ischnoceros* Gravenhorst, 1829) is apparently unavailable.

MECONEMINI Pierce, 1930: 4, in key [stem: *Meconem-*]. Type genus: *Meconemus* Labram and Imhoff, 1838.

Tribe GYMNOGNATHINI Valentine, 1960

GYMNOGNATHINI B. D. Valentine, 1960: 48, in key [stem: *Gymnognath-*]. Type genus: *Gymnognathus* Schönherr, 1826.

Tribe JORDANTHRIBINI Morimoto, 1980

JORDANTHRIBINI Morimoto, 1980: 16 [stem: *Jordanthrib-*]. Type genus: *Jordanthribus* Zimmerman, 1938.

Tribe MAUIINI Valentine, 1990

MAUIINI B. D. Valentine, 1990: 235, in key [stem: *Maui-*]. Type genus: *Mauia* Blackburn, 1885.

Tribe MECOCERINI Lacordaire, 1865

MÉCOCÉRIDES Lacordaire, 1865: 493 [stem: *Mecocer-*]. Type genus: *Mecocerus* Schönherr, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1972); syn. of *Acanthothorax* Gaede, 1832]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 288, as MECOCERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 31, as MECOCERINI).

PHLOEOPHILIDES Lacordaire, 1865: 517 [stem: *Phloeophil-*]. Type genus: *Phloeophilus* Schönherr, 1833. Comment: original vernacular name available (Art.

11.7.2): first used in latinized form and generally accepted as in Olliff (1891: 75, as *PHLOEOPHILIDES* [treated as Latin]); the older name *PHLOEOPHILINI* Kiesenwetter, 1863 [*CLEROIDEA*] was based on an unjustified emendation, the correct stem for the cleroid family-group name is *Phloiophil-*.

CAPPADOCINI Alonso-Zarazaga and Lyal, 1999: 28 [stem: *Cappadoc-*]. Type genus: *Cappadox* Alonso-Zarazaga and Lyal, 1999 [syn. of *Phloeophilus* Schönherr, 1833].

Tribe MYCTEINI Morimoto, 1972

MYCTEINI Morimoto, 1972: 38, in key [stem: *Mycte-*]. Type genus: *Mycteis* Pascoe, 1860.

Tribe OZOTOMERINI Morimoto, 1972

OZOTOMERINI Morimoto, 1972: 37, in key [stem: *Ozotomer-*]. Type genus: *Ozotomerus* Perroud, 1853.

Tribe PIESOCORYNINI Valentine, 1960

PIESOCORYNINI B. D. Valentine, 1960: 49, in key [stem: *Piesocoryn-*]. Type genus: *Piesocorynus* Dejean, 1834.

Tribe PLATYRRHININI Bedel, 1882

PLATYRRHININAE Bedel, 1882: 3, in key [stem: *Platyrrhin-*]. Type genus: *Platyrrhinus* Clairville, 1798. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PLATYSTOMINI Pierce, 1916

ANTHOTRIBIDAE Gistel, 1856a: 375 [stem: *Anthotrib-*]. Type genus: *Anthotribus* Gistel, 1856 [preoccupied genus name, not *Anthotribus* Hoffmann, 1803 [Coleoptera: *ANTHRIBIDAE*: *ANTHRIBINAE*: *ANTHRIBINI*]; syn. of *Platystomos* Schneider, 1791]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PLATYSTOMOIDEA Pierce, 1916: 463, in key [stem: *Platystom-*]. Type genus: *Platystomos* Schneider, 1791. Comment: the type genus for this family-group name was in fact proposed as a replacement name for *Anthribus* sensu Fabricius, 1790, however it was never used in that sense subsequently (Alonso-Zarazaga and Lyal 1999: 33); an application will be submitted by MAAZ and CHCL to conserve the current concept of *Platystomos* Schneider, 1791 and its associated family-group name.

Tribe PROSCOPORHININI Lacordaire, 1865

PROSCOPORHINIDES Lacordaire, 1865: 544 [stem: *Proscoporhin-*]. Type genus: *Proscoporhinus* Montrouzier, 1861. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Ienistea (1986: 32, as *PROSCOPORHINIDAE* [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 33, as *PROSCOPORHININI*).

Tribe PTYCHODERINI Jekel, 1855

PTYCHODERIDAE Jekel, 1855: 70 [stem: *Ptychoder*-.] Type genus: *Ptychoderes* Schönherr, 1823.

*PHLOEOTRAGIDES Lacordaire, 1865: 486 [stem: *Phloeotrag*-.] Type genus: *Phloeotragus* Schönherr, 1823. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1865) and used as valid.

PHLOEOTRAGINAE Kolbe, 1897: 288 [stem: *Phloeotrag*-.] Type genus: *Phloeotragus* Schönherr, 1823.

Tribe SINTORINI Lacordaire, 1865

SINTORIDES Lacordaire, 1865: 510 [stem: *Sintor*-.] Type genus: *Sintor* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Morimoto (1972: 38, as SINTORINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 34, as SINTORINI).

Tribe STENOCERINI Kolbe, 1895

STENOCERINARUM Kolbe, 1895: 381 [stem: *Stenocer*-.] Type genus: *Stenocerus* Schönherr, 1826. Comment: STENOCERINARUM is the genitive form of STENOCERINAE and was recognized as such by Alonso-Zarazaga and Lyal (1999: 34).

ALLANDRINI Pierce, 1930: 18 [stem: *Allandr*-.] Type genus: *Allandrus* J. L. Le Conte, 1876.

Tribe TOPHODERINI Lacordaire, 1865

TOPHODÉRIDES Lacordaire, 1865: 499 [stem: *Tophoder*-.] Type genus: *Tophoderes* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 288, as TOPHODERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 34, as TOPHODERINI).

Tribe TRIGONORHININI Valentine, 1999

TRIGONORHININI B. D. Valentine, 1999: 287, in key [stem: *Trigonorhin*-.] Type genus: *Trigonorhinus* Wollaston, 1861.

Tribe TROPIDERINI Lacordaire, 1865

TROPIDÉRIDES Lacordaire, 1865: 484 [stem: *Tropider*-.] Type genus: *Tropideres* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 115, as TROPIDERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 35, as TROPIDERINI); precedence (TROPIDERINI Lacordaire, 1865 vs ACORYNINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

ACORYNIDES Lacordaire, 1865: 512 [stem: *Acoryn*-.] Type genus: *Acorynus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Kolbe (1897: 289, as ACORYNINAE), generally accepted as in Morimoto (1980: 22, as ACORYNINI).

EURMYCTERINI Pierce, 1930: 15 [stem: *Eurmycter*-.] Type genus: *Eurmycter* J. L. LeConte, 1876.

Tribe XENOCERINI Lacordaire, 1865

XÉNOCERIDES Lacordaire, 1865: 558 [stem: *Xenocer*-.] Type genus: *Xenocer-us* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 235, as XENOCERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 35, as XENOCERINI).

Tribe XYLINADINI Lacordaire, 1865

XYLINADIDES Lacordaire, 1865: 560 [stem: *Xylinad*-.] Type genus: *Xylinades* Latreille, 1828 [syn. of *Xylinada* Berthold, 1827]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as XYLINADINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 36, as XYLINADINI).

Tribe ZYGAENODINI Lacordaire, 1865

ZYGÉNODIDES Lacordaire, 1865: 542 [stem: *Zygaenod*-.] Type genus: *Zygaenodes* Pascoe, 1859 [syn. of *Exechesops* Schönherr, 1847]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as ZYGAENODINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 36, as ZYGAENODINI); incorrect original stem formation, not in prevailing usage.

HORMISCI J. L. LeConte, 1876: 396 [stem: *Ormisc*-.] Type genus: *Ormiscus* G. R. Waterhouse, 1845 [as *Hormiscus*, unjustified emendation of type genus name by Agassiz (1846b: 263), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily CHORAGINAE Kirby, 1819

CHORAGIDAE Kirby, 1819: 447 [stem: *Chorag*-.] Type genus: *Choragus* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1994b)]. Comment: placed on the Official List of Family-Group Names in Zoology and not given priority over ANTHRIBIDAE Billberg, 1820 (ICZN 1994b).

Tribe APOLECTINI Lacordaire, 1865

APOLECTIDES Lacordaire, 1865: 554 [stem: *Apolect*-.] Type genus: *Apolecta* Pascoe, 1859. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1897: 289, as APOLECTINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 28, as APOLECTINI); APOLECTIDAE Jordan, 1923 (type genus *Apolectus* Cuvier, 1832) is available in Pisces although

it is based on a preoccupied genus name and therefore permanently invalid; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

Tribe ARAECERINI Lacordaire, 1865

ARAECÉRIDES Lacordaire, 1865: 588 [stem: *Araecer-*]. Type genus: *Araecerus* Schönherr, 1823 [as *Araecerus*, unjustified emendation of type genus name by Schönherr (1839), not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 115, as ARAEOCERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 37, as ARAECERINI); incorrect original stem formation, not in prevailing usage.

Tribe CISANTHRIBINI Zimmerman, 1994

CISANTHRIBINI Zimmerman, 1994a: 232 [stem: *Cisanthrib-*]. Type genus: *Cisanthribus* Zimmerman, 1938.

Tribe CHORAGINI Kirby, 1819

CHORAGIDAE Kirby, 1819: 447 [stem: *Chorag-*]. Type genus: *Choragus* Kirby, 1819 [placed on the Official List of Generic Names in Zoology (ICZN 1994b)]. Comment: not given priority over ANTHRIBIDAE Billberg, 1820, placed on the Official List of Family-Group Names in Zoology (ICZN 1994b).

Tribe VALENFRIESIINI Alonso-Zarazaga and Lyal, 1999

NOTIOXÉNIDES Lacordaire, 1865: 593 [stem: *Notioxen-*]. Type genus: *Notioxenus* Wollaston, 1861 [preoccupied genus name, not *Notioxenus* Motschulsky, 1858 [Coleoptera: CARABIDAE]; syn. of *Valenfriesia* Alonso-Zarazaga and Lyal, 1999]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pierce (1930: 31, as NOTIOXENINI), generally accepted as in Morimoto (1978a: 18, as NOTIOXENINI); permanently invalid (Art. 39): based on preoccupied type genus.

VALENFRIESIINI Alonso-Zarazaga and Lyal, 1999: 38 [stem: *Valenfriesi-*]. Type genus: *Valenfriesia* Alonso-Zarazaga and Lyal, 1999. Comment: replacement name for NOTIOXENINI Lacordaire, 1865 because of the homonymy of the type genus.

Tribe XENORCHESTINI Lacordaire, 1865

XÉNORCHESTIDES Lacordaire, 1865: 595 [stem: *Xenorchest-*]. Type genus: *Xenorchestes* Wollaston, 1854. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 408, as XENORCHESTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 38, as XENORCHESTINI).

HOMOEODERIDES Wollaston, 1870: 23 [stem: *Homoeoder-*]. Type genus: *Homoeodera* Wollaston, 1870.

Subfamily URODONTINAE Thomson, 1859

URODONTIDES C. G. Thomson, 1859: 128 [stem: *Urodont*-.]. Type genus: *Urodon* Schönherr, 1823 [syn. of *Bruchela* Dejean, 1821].

BRUCHELIDAE Pierce, 1916: 463 [stem: *Bruchel*-.]. Type genus: *Bruchela* Dejean, 1821.

†Family ULYANIDAE Zherikhin, 1993

ULYANIDAE Zherikhin, 1993: 26 [stem: *Ulyan*-.]. Type genus: *Ulyana* Zherikhin, 1993.

Family BELIDAE Schönherr, 1826

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

Subfamily BELINAE Schönherr, 1826

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

Tribe AGNESIOTIDINI Zimmerman, 1994

AGNESIOTIDINI Zimmerman, 1994a: 258 [stem: *Agnesioid*-.]. Type genus: *Agnesioidis* Pascoe, 1870.

Tribe BELINI Schönherr, 1826

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

Subtribe BELINA Schönherr, 1826

BELIDES Schönherr, 1826: 73 [stem: *Bel*-.]. Type genus: *Belus* Schönherr, 1823 [syn. of *Rhinotia* Kirby, 1819].

Subtribe HOMALOCERINA Legalov, 2009

HOMALOCERINA Legalov, 2009d: 308 [stem: *Homalocer*-.]. Type genus: *Homalocerus* Schönherr, 1839.

Tribe PACHYURINI Kuschel, 1959

PACHYURINI Kuschel, 1959a: 253, in key [stem: *Pachyur*-.]. Type genus: *Pachyura* Hope, 1834.

Subfamily OXYCORYNINAE Schönherr, 1840

OXYCORYNIDES Schönherr, 1840: 581 [stem: *Oxycoryn*-.]. Type genus: *Oxycorynus* Chevrolat, 1832.

Tribe AGLYCYDERINI Wollaston, 1864

AGLYCYDERIDAE Wollaston, 1864: 384 [stem: *Aglycyder*-.]. Type genus: *Aglycyderes* Westwood, 1864.

PROTERHINIDES Fauvel, 1891: 154 [stem: *Proterhin-*]. Type genus: *Proterbinus* Sharp, 1878. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sharp (1899a: 298, as PROTERHINIDAE).

PLATYCEPHALITAE Paulian, 1944: 118 [stem: *Platycephal-*]. Type genus: *Platycephala* Montrouzier, 1861 [preoccupied genus name, not *Platycephala* Fallén, 1820 [Diptera]; syn. of *Aralius* Kuschel, 1990]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; also PLATYCEPHALIDAE Gill, 1872 (type genus *Platycephalus* Bloch, 1795) is available in Pisces.

Tribe ALLOXYCORYNINI Legalov, 2009

ALLOXYCORYNINI Legalov, 2009d: 313 [stem: *Alloxycoryn-*]. Type genus: *Alloxycorynus* Voss, 1957.

Tribe DISTENORRHINOIDINI Legalov, 2009

DISTENORRHINOIDINI Legalov, 2009d: 313 [stem: *Distenorrhinoid-*]. Type genus: *Distenorrhinoides* Gratshev and Zherikhin, 2000.

Tribe METRIOXENINI Voss, 1953

METRIOXENINI Voss, 1953: 124, in key [stem: *Metrioxen-*]. Type genus: *Metrioxena* Pascoe, 1870.

Subtribe AFROCORYNINA Voss, 1957

AFROCORYNINI Voss, 1957: 102, in key [stem: *Afrocoryn-*]. Type genus: *Afrocorynus* G. A. K. Marshall, 1955.

HISPODINI Voss, 1957: 102, in key [stem: *Hispod-*]. Type genus: *Hispodes* G. A. K. Marshall, 1955.

Subtribe METRIOXENINA Voss, 1953

METRIOXENINI Voss, 1953: 124, in key [stem: *Metrioxen-*]. Type genus: *Metrioxena* Pascoe, 1870.

Subtribe ZHERICHINIXENINA Legalov, 2009

ZHERICHINIXENINA Legalov, 2009d: 310 [stem: *Zherichinixen-*]. Type genus: *Zherichinixena* Legalov, 2009.

Tribe OXYCORYNINI Schönherr, 1840

OXYCORYNIDES Schönherr, 1840: 581 [stem: *Oxycoryn-*]. Type genus: *Oxycorynus* Chevrolat, 1832.

Subtribe ALLOCORYNINA Sharp, 1890

ALLOCORYNINAE Sharp, 1890: 45 [stem: *Allocoryn-*]. Type genus: *Allocorynus* Sharp, 1890 [syn. of *Rhopalotria* Chevrolat, 1878].

Subtribe OXYCORYNINA Schönherr, 1840

OXYCORYNIDES Schönherr, 1840: 581 [stem: *Oxycoryn-*]. Type genus: *Oxycorynus* Chevrolat, 1832.

Subtribe OXYCRASPEDINA Marvaldi and Oberprieler, 2006

OXYCRASPEDINA Marvaldi and Oberprieler, 2006: 460 [stem: *Oxycrasped-*]. Type genus: *Oxycraspedus* Kuschel, 1955.

Family CARIDAE Thompson, 1992

CARINAE Thompson, 1992: 882 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897.

Subfamily CARINAE Thompson, 1992

CARINAE Thompson, 1992: 882 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897.

CARIDAE Zimmerman, 1994a: 499 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897.

Comment: family-group name proposed as new without reference to CARINAE Thompson, 1992.

CARINAE Kuschel, 1995: 18 [stem: *Car-*]. Type genus: *Car* Blackburn, 1897. Comment: family-group name proposed as new without reference to CARINAE Thompson, 1992 or CARIDAE Zimmerman, 1994.

Subfamily CHILECARINAE Legalov, 2009

CHILECARINI Legalov, 2009a: 125 [stem: *Chilecar-*]. Type genus: *Chilecar* Kuschel, 1992.

Tribe CARODINI Legalov, 2009

CARODESINA Legalov, 2009a: 126 [stem: *Carod-*]. Type genus: *Carodes* Zimmerman, 1994. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CHILECARINI Legalov, 2009

CHILECARINI Legalov, 2009a: 125 [stem: *Chilecar-*]. Type genus: *Chilecar* Kuschel, 1992.

†Subfamily BAISSORHYNCHINAE Zherikhin, 1993

BAISSORHYNCHINI Zherikhin, 1993: 30 [stem: *Baissorhynch-*]. Type genus: *Baissorhynchus* Zherikhin, 1977.

†ABROCARINA Legalov, 2009c: 291 [stem: *Abrocar-*]. Type genus: *Abrocar* Liu and Ren, 2006.

Family ATTELABIDAE Billberg, 1820

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab-*]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)].

Subfamily ATTELABINAE Billberg, 1820

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab-*]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)].

Tribe ATTELABINI Billberg, 1820

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab-*]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)].

Subtribe ATTELABINA Billberg, 1820

ATTELABIDES Billberg, 1820a: 39 [stem: *Attelab-*]. Type genus: *Attelabus* Linnaeus, 1758 [placed on the Official List of Generic Names in Zoology (ICZN 1983a)]. Comment: this family-group name was also used in the same year by Billberg (1820b: 393, as ATTELABIDES).

Subtribe EUSCELINA Voss, 1925

EUSCELINA Voss, 1925: 32 [stem: *Euscel-*]. Type genus: *Euscelus* Schönherr, 1833.

ALLEUSCELINA Legalov, 2003: 411 [stem: *Alleuscel-*]. Type genus: *Alleuscelus* Voss, 1937. Comment: proposed as a subtribe of EUSCELINI.

CLINOLABINA Legalov, 2003: 410 [stem: *Clinolab-*]. Type genus: *Clinolabus* Jekel, 1860. Comment: proposed as a subtribe of EUSCELINI.

Subtribe EUSCELOPHILINA Voss, 1925

EUSCELOPHILINA Voss, 1925: 29 [stem: *Euscelophil-*]. Type genus: *Euscelophilus* Voss, 1925.

Subtribe HENICOLABINA Legalov, 2007

HENICOLABINA Legalov, 2007: 282 [stem: *Henicolab-*]. Type genus: *Henicolabus* Voss, 1925.

Subtribe HIMATOLABINA Legalov, 2003

HIMATOLABINA Legalov, 2003: 424 [stem: *Himatolab-*]. Type genus: *Himatolabus* Jekel, 1860. Comment: proposed as a subtribe of HYBOLABINI.

Subtribe HYBOLABINA Voss, 1925

HYBOLABINA Voss, 1925: 191 [stem: *Hybolab-*]. Type genus: *Hybolabus* Jekel, 1860.

Subtribe ISOLABINA Legalov, 2007

ISOLABINA Legalov, 2007: 282 [stem: *Isolab-*]. Type genus: *Isolabus* Voss, 1925.

Subtribe LAGENODERINA Voss, 1925

LAGENODERINA Voss, 1925: 206 [stem: *Lagenoder-*]. Type genus: *Lagenoderus* A. White, 1841.

Subtribe LAMPROLABINA Voss, 1925

LAMPROLABINA Voss, 1925: 213 [stem: *Lamprolab-*]. Type genus: *Lamprolabus* Jekel, 1860.

Subtribe METOCALOLABINA Legalov, 2003

METOCALOLABINA Legalov, 2003: 433 [stem: *Metocalolab-*]. Type genus: *Metocalolabus* Legalov, 2003.

Subtribe OMOLABINA Legalov, 2003

OMOLABINA Legalov, 2003: 426 [stem: *Omolab-*]. Type genus: *Omolabus* Jekel, 1860. Comment: proposed as a subtribe of HYBOLABINI.

Subtribe PARAMECOLABINA Legalov, 2003

PARAMECOLABINA Legalov, 2003: 439 [stem: *Paramecolab-*]. Type genus: *Paramecolabus* Jekel, 1860.

Subtribe PHIALODINA Legalov, 2003

PHIALODINA Legalov, 2003: 437 [stem: *Phialod-*]. Type genus: *Phialodes* Roelofs, 1874.

Subtribe PHYMATOLABINA Voss, 1925

PHYMATOLABINA Voss, 1925: 199 [stem: *Phymatolab-*]. Type genus: *Phymatolabus* Jekel, 1860.

Subtribe PHYMATOPSININA Legalov, 2003

PHYMATOPSININA Legalov, 2003: 456 [stem: *Phymatopsin-*]. Type genus: *Phymatopsinus* Voss, 1925. Comment: proposed as a subtribe of LAGENODERINI.

Subtribe PLEUROLABINA Legalov, 2003

PLEUROLABINA Legalov, 2003: 460 [stem: *Pleurolab-*]. Type genus: *Pleurolabus* Jekel, 1860. Comment: proposed as a subtribe of LAGENODERINI.

Tribe EUOPINI Voss, 1925

EUOPSINI Voss, 1925: 291 [stem: *Euop-*]. Type genus: *Euops* Schönherr, 1839. Comment: incorrect original stem formation, not in prevailing usage.

ARCHEUOPSINA Legalov, 2003: 359 [stem: *Archeuop-*]. Type genus: *Archeuops* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

SUNIOPSINA Legalov, 2003: 364 [stem: *Suniop*-.]. Type genus: *Suniops* Voss, 1928.

Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

SYNAPTOPSINA Legalov, 2003: 368 [stem: *Synaptop*-.]. Type genus: *Synaptops* Jekel, 1860. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

LJUDMILININA Legalov, 2007: 219 [stem: *Ljudmilini*-.]. Type genus: *Ljudmilinius* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

PARASYNAPTOPSISINA Legalov, 2007: 227 [stem: *Parasynaptopse*-.]. Type genus: *Parasynaptopsis* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

RIEDELININA Legalov, 2007: 218 [stem: *Riedelini*-.]. Type genus: *Riedelinus* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

SAWADAEUOPSINA Legalov, 2007: 241 [stem: *Sawadaeuop*-.]. Type genus: *Sawadaeuops* Legalov, 2003. Comment: proposed as a subtribe of EUOPINI; incorrect original stem formation, not in prevailing usage.

Tribe PILOLABINI Voss, 1925

PILOLABINI Voss, 1925: 19 [stem: *Pilolab*-.]. Type genus: *Pilolabus* Jekel, 1860.

Subfamily APODERINAE Jekel, 1860

APODERIDAE Jekel, 1860: 180 [stem: *Apoder*-.]. Type genus: *Apoderus* A. G. Olivier, 1807.

Tribe APODERINI Jekel, 1860

APODERIDAE Jekel, 1860: 180 [stem: *Apoder*-.]. Type genus: *Apoderus* A. G. Olivier, 1807.

ANISONYCHINA Legalov, 2003: 555 [stem: *Anisonych*-.]. Type genus: *Anisonychus* Voss, 1927. Comment: junior homonym of ANISONYCHIDAE H. C. C. Burmeister, 1844 (type genus *Anisonyx* Latreille, 1807) available in SCARABAEIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

CENTROCORYNINA Legalov, 2003: 557 [stem: *Centrocoryn*-.]. Type genus: *Centrocorynus* Jekel, 1860.

CYCNOTRACHELINA Legalov, 2003: 568 [stem: *Cycnotrachel*-.]. Type genus: *Cycnotrachelus* Jekel, 1860.

OPANASSENKOVIINA Legalov, 2003: 554 [stem: *Opanassenkovi*-.]. Type genus: *Opanassenkovius* Legalov, 2003.

PSEUDOCYCNOTRACHELINA Legalov, 2003: 525 [stem: *Pseudocycnotrachel-*]. Type genus: *Pseudocycnotrachelus* Legalov, 2003.

Tribe CLITOSTYLINI Voss, 1929

CLITOSTYLINI Voss, 1929a: 192 [stem: *Clitostyl-*]. Type genus: *Clitostylus* Voss, 1929 [syn. of *Trachelismus* Motschulsky, 1870].

Subtribe ALLAPODERINA Legalov, 2003

ALLAPODERINA Legalov, 2003: 467 [stem: *Allapoder-*]. Type genus: *Allapoderus* Voss, 1927.

Subtribe CLITOSTYLINA Voss, 1929

CLITOSTYLINI Voss, 1929a: 192 [stem: *Clitostyl-*]. Type genus: *Clitostylus* Voss, 1929 [syn. of *Trachelismus* Motschulsky, 1870].

Subtribe PSEUDOPHRYSINA Legalov, 2003

PSEUDOPHRYSINA Legalov, 2003: 476 [stem: *Pseudophrys-*]. Type genus: *Pseudophrysus* Legalov, 2003.

Tribe HOPLAPODERINI Voss, 1926

HOPLAPODERINI Voss, 1926: 14 [stem: *Hoplapoder-*]. Type genus: *Hoplapoderus* Jekel, 1860.

Subtribe AFROAPODERINA Legalov, 2003

AFROAPODERINA Legalov, 2003: 482 [stem: *Afroapoder-*]. Type genus: *Afroapoderus* Legalov, 2003.

Subtribe HOPLAPODERINA Voss, 1926

HOPLAPODERINI Voss, 1926: 14 [stem: *Hoplapoder-*]. Type genus: *Hoplapoderus* Jekel, 1860.

Subtribe PARATOMAPODERINA Legalov, 2003

PARATOMAPODERINA Legalov, 2003: 488 [stem: *Paratomapoder-*]. Type genus: *Paratomapoderus* Voss, 1926.

Tribe TRACHELOPHORINI Voss, 1926

TRACHELOPHORINI Voss, 1926: 14, in key [stem: *Trachelophor-*]. Type genus: *Trachelophorus* Jekel, 1860.

Subfamily RHYNCHITINAE Gistel, 1848

RHYNCHITISIDAE Gistel, 1848: [8] [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791.

Tribe AULETINI Desbrochers des Loges, 1908

AULETINIDAE Desbrochers des Loges, 1908: 10, in key [stem: *Aulet*-.] Type genus: *Auletes* Schönherr, 1826. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe AULETINA Desbrochers des Loges, 1908

AULETINIDAE Desbrochers des Loges, 1908: 10, in key [stem: *Aulet*-.] Type genus: *Auletes* Schönherr, 1826. Comment: incorrect original stem formation, not in prevailing usage.

AULETINI Pierce, 1913: 365, in key [stem: *Aulet*-.] Type genus: *Auletes* Schönherr, 1826. Comment: family-group name proposed as new without reference to AULETINIDAE Desbrochers des Loges, 1908.

Subtribe AULETOBIINA Legalov, 2001

AULETOBIINA Legalov, 2001: 37 [stem: *Auletobi*-.] Type genus: *Auletobius* Desbrochers des Loges, 1869.

Subtribe GUINEAULETINA Legalov, 2003

GUINEAULETINA Legalov, 2003: 108 [stem: *Guineaulet*-.] Type genus: *Guineauletes* Legalov, 2003.

Subtribe MANDELSCHTAMIINA Legalov, 2003

MANDELSCHTAMIINA Legalov, 2003: 105 [stem: *Mandelschdami*-.] Type genus: *Mandelschdamius* Legalov, 2003.

Subtribe PSEUDAULETINA Voss, 1933

PSEUDAULETINA Voss, 1933b: 110, in key [stem: *Pseudaulet*-.] Type genus: *Pseudauletes* Voss, 1922.

Subtribe PSEUDOMESAULETINA Legalov, 2003

PSEUDOMESAULETINA Legalov, 2003: 113 [stem: *Pseudomesaulet*-.] Type genus: *Pseudomesauletes* Legalov, 2001.

Tribe AULETORHININI Voss, 1935

AULETORHININI Voss, 1935b: 509 [stem: *Auletorhin*-.] Type genus: *Auletorhinus* Voss, 1935.

Tribe BYCTISCINI Voss, 1923

BYCTISCINI Voss, 1923: 510 [stem: *Byctisc*-.] Type genus: *Byctiscus* C. G. Thomson, 1859.

Subtribe BYCTISCINA Voss, 1923

BYCTISCINI Voss, 1923: 510 [stem: *Byctisc-*]. Type genus: *Byctiscus* C. G. Thomson, 1859.

Subtribe LISTROBYCTISCINA Legalov, 2003

LISTROBYCTISCINA Legalov, 2003: 337 [stem: *Listrobyctisc-*]. Type genus: *Listrobyctiscus* Voss, 1923.

Subtribe SVETLANAEBYCTISCINA Legalov, 2003

SVETLANAEBYCTISCINA Legalov, 2003: 323 [stem: *Svetlanaebyctisc-*]. Type genus: *Svetlanaebyctiscus* Legalov, 2001.

Tribe CESAULETINI Legalov, 2003

CESAULETINI Legalov, 2003: 134 [stem: *Cesaulet-*]. Type genus: *Cesauletes* Hamilton, 1983. Comment: proposed as a tribe of the supertribe RHYNCHITITAE.

Tribe DEPORAINI Voss, 1929

DEPORAINI Voss, 1929b: 28 [stem: *Depora-*]. Type genus: *Deporaus* Samouelle, 1819.

Subtribe CHONOSTROPHEINA Morimoto, 1962

CHONOSTROPHEINA Morimoto, 1962a: 30, in key [stem: *Chonostrophe-*]. Type genus: *Chonostropheus* Prell, 1924.

Subtribe DEPORAINA Voss, 1929

DEPORAINI Voss, 1929b: 28 [stem: *Depora-*]. Type genus: *Deporaus* Samouelle, 1819.

Tribe MINURINI Legalov, 2003

MINURINI Legalov, 2003: 133 [stem: *Minur-*]. Type genus: *Minurus* G. R. Waterhouse, 1842. Comment: proposed as a tribe of the supertribe RHYNCHITITAE.

Tribe RHINOCARTINI Voss, 1931

RHINOCARTINI Voss, 1931: 162, in key [stem: *Rhinocart-*]. Type genus: *Rhinocartus* Voss, 1922.

*RHYNCHITALLINI Voss, 1960: 415 [stem: *Rhynchitall-*]. Type genus: *Rhynchitallus* Voss, 1960. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

PROTEUGNAMPTINI Legalov, 2003: 80 [stem: *Proteugnamptini*]. Type genus: *Proteugnamptus* Voss, 1939. Comment: proposed as a tribe in supertribe RHINOCARTITAE.

AULETANINI Legalov, 2003: 84 [stem: *Auletan-*]. Type genus: *Auletanus* Voss, 1922.

Comment: proposed as a tribe in the supertribe RHINOCARTITAE.

†SANYREVILLEINA Legalov, 2003: 85 [stem: *Sanyreville-*]. Type genus: *Sanyrevilleus* Gratshev and Zherikhin, 2000. Comment: proposed as a subtribe of AULETANINI; raised to tribal level by Legalov (2007).

PROTEUGNAMPTINI Legalov, 2003: 80 [stem: *Proteugnampt-*]. Type genus: *Proteugnamptus* Voss, 1939. Comment: proposed as a tribe in the supertribe RHINOCARTITAE.

VOSSICARTINI Legalov, 2003: 79 [stem: *Vossicart-*]. Type genus: *Vossicartus* Legalov, 2003.

EOSALACINA Legalov, 2007: 30 [stem: *Eosalac-*]. Type genus: *Eosalacus* Legalov, 2007. Comment: proposed as a subtribe of PROTEUGNAMPTINI.

PARAULETANINA Legalov, 2007: 31 [stem: *Parauletan-*]. Type genus: *Parauletanus* Legalov, 2007. Comment: proposed as a subtribe of SANYREVILLEINI.

Tribe RHYNCHITINI Gistel, 1848

RHYNCHITISIDAE Gistel, 1848: [8] [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe ACRITORRHYNCHITINA Legalov, 2007

ACRITORRHYNCHITINA Legalov, 2007: 70 [stem: *Acritorrhynchit-*]. Type genus: *Acritorrhynchites* Voss, 1941.

Subtribe ANISOMERININA Legalov, 2003

ANISOMERININA Legalov, 2003: 223 [stem: *Anisomerin-*]. Type genus: *Anisomerinus* Voss, 1933.

Subtribe EUGNAMPTINA Voss, 1930

EUGNAMPTINA Voss, 1930: 67 [stem: *Eugnampt-*]. Type genus: *Eugnamptus* Schönherr, 1839.

Subtribe LASIORHYNCHITINA Legalov, 2003

LASIORHYNCHITINA Legalov, 2003: 202 [stem: *Lasiorhynchit-*]. Type genus: *Lasiorhynchites* Jekel, 1860.

Subtribe PERRHYNCHITINA Legalov, 2003

PERRHYNCHITINA Legalov, 2003: 218 [stem: *Perrhynchit-*]. Type genus: *Perrhynchites* Voss, 1953.

Subtribe RHYNCHITALLINA Legalov, 2003

RHYNCHITALLINA Legalov, 2003: 226 [stem: *Rhynchitall-*]. Type genus: *Rhynchitallus* Voss, 1960.

Subtribe RHYNCHITINA Gistel, 1848

RHYNCHITISIDAE Gistel, 1848: [8] [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791. Comment: incorrect original stem formation, not in prevailing usage.

RHYNCHITINI Pierce, 1913: 365, in key [stem: *Rhynchit-*]. Type genus: *Rhynchites* Schneider, 1791. Comment: family-group name proposed as new without reference to RHYNCHITISIDAE Gistel, 1848.

Subtribe TEMNOCERINA Legalov, 2003

TEMNOCERINA Legalov, 2003: 207 [stem: *Temnocer-*]. Type genus: *Temnocerus* Thunberg, 1815.

Subfamily ISOTHEINAE Scudder, 1893

ISOTHEINAE Scudder, 1893: 16 [stem: *Isothe-*]. Type genus: *Isothea* Scudder, 1893.

Comment: precedence (ISOTHEINAE Scudder, 1893 vs TOXORHYNCHINAE Scudder, 1893) given to taxon originally proposed at the higher rank (Art. 24.1).

Tribe ISOTHEINI Scudder, 1893

ISOTHEINAE Scudder, 1893: 16 [stem: *Isothe-*]. Type genus: *Isothea* Scudder, 1893.

Subtribe DEPASOPHILINA Legalov, 2003

DEPASOPHILINA Legalov, 2003: 166 [stem: *Depasophil-*]. Type genus: *Depasophilus* Voss, 1922.

†Subtribe ISOTHEINA Scudder, 1893

ISOTHEINAE Scudder, 1893: 16 [stem: *Isothe-*]. Type genus: *Isothea* Scudder, 1893.

†Tribe TOXORHYNCHINI Scudder, 1893

TOXORHYNCHINI Scudder, 1893: 23 [stem: *Toxorhynch-*]. Type genus: *Toxorhynchus* Scudder, 1893.

Subfamily PTEROCOLINAE Lacordaire, 1865

PTÉROCOLIDES Lacordaire, 1865: 190 [stem: *Pterocol-*]. Type genus: *Pterocolus* Schönherr, 1833 [preoccupied genus name, not *Pterocolus* Say, 1831 [Coleoptera: ATTELABIDAE: PTEROCOLINAE]; syn. of *Pterocolus* Say, 1831]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as PTEROCOLINAE), generally accepted as in Alonso-Zarazaga and Lyl (1999: 44, as PTEROCOLINAE); permanently invalid (Art. 39): based on preoccupied type genus; although strictly speaking the type genus is a junior homonym, and thus cannot be used as valid, to preserve stability, we are considering this as a valid name here; an application to the Commission is necessary to officially conserve usage of this family-group name.

Family BRENTIDAE Billberg, 1820

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

Subfamily BRENTINAE Billberg, 1820

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

Tribe BRENTINI Billberg, 1820

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent-*]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

Subtribe ARRHENODINA Lacordaire, 1865

ARRHÉNODIDES Lacordaire, 1865: 425 [stem: *Arrhenod-*]. Type genus: *Arrenodes* sensu Lacordaire, 1865 [as *Arrhenodes*, incorrect subsequent spelling of type genus name, not in prevailing usage; not *Arrenodes* Schönherr 1823; syn. of *Estenorhinus* Lacordaire, 1865]. Comment: based on misidentified type genus; MAAZ and CHCL will submit an application to designate as type genus *Arrenodes* Schönherr, 1823 and correct the name of the tribe to ARRENODINI; First Reviser (ARRHENODINA Lacordaire, 1865 vs BELOPHERINA Lacordaire, 1865 vs BELORHYNCHINA Lacordaire, 1865 vs EUTRACHELINA Lacordaire, 1865) not determined, current usage maintained.

BÉLOPHÉRIDES Lacordaire, 1865: 433 [stem: *Belopher-*]. Type genus: *Belopherus* Schönherr, 1833 [syn. of *Belorhynchus* Berthold, 1827]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as BELOPHERINAE), generally accepted as in Sharp (1895a: 53, as BELOPHERINA).

BÉLORHYNCHIDES Lacordaire, 1865: 437 [stem: *Belorhynch-*]. Type genus: *Belorhynchus* Berthold, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form generally accepted as in Sharp (1895a: 63, as BELORHYNCHINA); placed in synonymy with ARRENODINI by Alonso-Zarazaga and Lyal (2002: 10).

EUTRACHÉLIDES Lacordaire, 1865: 438 [stem: *Eutrachel-*]. Type genus: *Eutrachelus* Berthold, 1827. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Senna (1892: 179, as EUTRACHELINAE), generally accepted as in Sharp (1900b: 385, as EUTRACHELIDES [treated as Latin]).

ORYCHODI Senna, 1895: 213 [stem: *Orychod-*]. Type genus: *Orychodes* Pascoe, 1862.

EUPSALINI Muizon, 1960: 170 [stem: *Eupsalid*-.]. Type genus: *Eupsalis* sensu Kleine, 1927 [not *Eupsalis* Lacordaire, 1865; syn. of *Orfilaia* Haedo Rosii, 1955]. Comment: based on a misidentified type genus; incorrect original stem formation, not in prevailing usage.

Subtribe BRENTINA Billberg, 1820

BRENTHIDES Billberg, 1820a: 40 [stem: *Brent*-.]. Type genus: *Brentus* Fabricius, 1787 [as *Brenthus*, unjustified emendation of type genus name by Illiger (1801), not in prevailing usage].

Subtribe EREMoxENINA Semenov, 1892

AMORPHOCEPHALIDES Power, 1879: 478 [stem: *Amorphocephal*-.]. Type genus: *Amorphocephalus* Schönherr, 1840 [preoccupied genus name, not *Amorphocephalus* Bowdich, 1825 [Pisces]; syn. of *Amorphocephala* Damoiseau, 1966]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

EREMOXENIDAE Semenov, 1892: 440 [stem: *Eremoxen*-.]. Type genus: *Eremoxenus* Semenov, 1892.

PAUSSOBRENTHINI Gestro, 1919: 270 [stem: *Pausobrenth*-.]. Type genus: *Pausobrenthus* Gestro, 1919.

Tribe CYLADINI Schönherr, 1823

CYLADES Schönherr, 1823: column 1137 [stem: *Cylad*-.]. Type genus: *Cylas* Latreille, 1802.

Tribe CYPHAGOGINI Kolbe, 1892

CYPHAGOGINAE Kolbe, 1892: 162 [stem: *Cyphagog*-.]. Type genus: *Cyphagogus* Parry, 1849.

Subtribe ATOPOBRENTINA Damoiseau, 1965

ATOPOBRENTINI Damoiseau, 1965: 1 [stem: *Atopobrent*-.]. Type genus: *Atopobrentus* Damoiseau, 1965.

Subtribe CYPHAGOGINA Kolbe, 1892

CYPHAGOGINAE Kolbe, 1892: 162 [stem: *Cyphagog*-.]. Type genus: *Cyphagogus* Parry, 1849.

*CALODROMINEN Kolbe, 1916: 50 [stem: *Calodrom*-.]. Type genus: *Calodromus* Guérin-Ménéville, 1832. Comment: original vernacular name unavailable (Art. 11.7.2): proposed after 1899.

CALODROMINI Kleine, 1922a: 148 [stem: *Calodrom*-.]. Type genus: *Calodromus* Guérin-Ménéville, 1832.

†Subtribe DOMINIBRENTINA Poinar, 2009

DOMINIBRENTINI Poinar, 2009: 51 [stem: *Dominibrent-*]. Type genus: *Dominibrentus* Poinar, 2009.

Subtribe HOPLOPISTIHIINA Senna and Calabresi, 1919

HOPLOPISTIHI Senna and Calabresi, 1919: 65 [stem: *Hoplopisthi-*]. Type genus: *Hoplopisthius* Senna, 1892. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe STEREODERMINA Sharp, 1895

STEREODERMINA Sharp, 1895a: 7 [stem: *Stereoderm-*]. Type genus: *Stereodermus* Lacordaire, 1865.

Tribe PHOLIDOCHLAMYDINI Damoiseau, 1962

PHOLIDOCHLAMYDINAE Damoiseau, 1962: 26 [stem: *Pholidochlamyd-*]. Type genus: *Pholidochlamys* Lacordaire, 1865. Comment: the original spelling PHOLIDOCHLOMYDINAE on page 26 is considered a *lapsus calami* since the the type genus is spelled correctly throughout and the family-group name is spelled correctly on page 18.

Tribe TAPHRODERINI Lacordaire, 1865

TAPHRODÉRIDES Lacordaire, 1865: 406 [stem: *Taphroder-*]. Type genus: *Taphroderes* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as TAPHRODERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 52, as TAPHRODERINAE).

ISCHNOMÉRIDES Lacordaire, 1865: 414 [stem: *Ischnomer-*]. Type genus: *Ischnomerus* Schönherr, 1840 [preoccupied genus name, not *Ischnomerus* Labram and Imhoff, 1838 [Coleoptera: CURCULIONIDAE: TRACHELIZINI]; syn. of *Aulacoderes* Chevrolat, 1839]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Schoenfeldt (1908: 2, as ISCHNOMERIDAE); permanently invalid (Art. 39): based on preoccupied type genus.

Tribe TRACHELIZINI Lacordaire, 1865

TRACHÉLIZIDES Lacordaire, 1865: 417 [stem: *Tracheliz-*]. Type genus: *Trachelizus* Dejean, 1834. Comment: First Reviser (TRACHELIZINI Lacordaire, 1865 vs ITHYSTENINI Lacordaire, 1865) not determined, current usage maintained.

Subtribe ACRATINA Alonso-Zarazaga, Lyal, Bartolozzi and Sforzi, 1999

NÉMOCÉPHALIDES Lacordaire, 1865: 459 [stem: *Nemocephal-*]. Type genus: *Nemocephalus* sensu Lacordaire, 1865 [not *Nemocephalus* Guérin-Ménéville, 1827; syn. of *Neacratus* Alonso-Zarazaga et al., 1999]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized

form and generally accepted as in Kolbe (1883: 79, as NEMOCEPHALI); based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

ACRATINI Alonso-Zarazaga et al., 1999: 53 [stem: *Acrat-*]. Type genus: *Acratus* Lacordaire, 1865.

Subtribe ITHYSTENINA Lacordaire, 1865

ITHYSTÉNIDES Lacordaire, 1865: 464 [stem: *Ithysten-*]. Type genus: *Ithysten* Pascoe, 1862. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as ITHYSTENINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 54, as ITHYSTENINI).
ISCHNOMERI Kolbe, 1883: 74 [stem: *Ischnomer-*]. Type genus: *Ischnomerus* Labram and Imhoff, 1838.

LEPTORRHYNCHIDAE Schoenfeldt, 1908: 69 [stem: *Leptorrhynch-*]. Type genus: *Leptorrhynchus* Guérin-Méneville, 1838 [as *Leptorrhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage; preoccupied genus name, not *Leptorrhynchus* Clift, 1828 [Reptilia]; syn. of *Ithysten* Pascoe, 1862]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

OZODOCERINI Jakobson, 1911b: 142 [stem: *Ozodocer-*]. Type genus: *Ozodocerus* Chevrolat, 1839. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe MICROTRACHELIZINA Zimmerman, 1994

MICROTRACHELIZINA Zimmerman, 1994b: 182 [stem: *Microtracheliz-*]. Type genus: *Microtrachelizus* Senna, 1893.

Subtribe PSEUDOCEOCEPHALINA Kleine, 1922

CÉOCÉPHALIDES Lacordaire, 1865: 444 [stem: *Ceocephal-*]. Type genus: *Ceocephalus* sensu Lacordaire, 1865 [not *Ceocephalus* Guérin-Méneville, 1833; *Ceocephalus* sensu Lacordaire, 1865 is a mixture of *Orphanobrentus* Damoiseau, 1962 and *Pseudoceocephalus* Kleine, 1920 (see Alonso-Zarazaga and Lyal 1999: 55)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Sharp (1900b: 385, as CEOCEPHALIDES [treated as Latin]); based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

UROPTERINI Jakobson, 1911b: 142 [stem: *Uropter-*]. Type genus: *Uroptera* Berthold, 1827.

PSEUDOCOECEPHALIDAE Kleine, 1922b: 225 [stem: *Pseudocecephal-*]. Type genus: *Pseudocecephalus* Kleine, 1920. Comment: this family-group name is preceded by two older names: CEOCEPHALINA Lacordaire, 1865, which is based on a misidentified type genus, and the newly discovered name UROPTERINA Jakobson, 1911; we recommend that an application be submitted to the Commission to conserve usage of the well-established name PSEUDOCOECEPHALINA Kleine, 1922.

Subtribe RHYTICEPHALINA Kleine, 1922

RHYTICEPHALINI Kleine, 1922c: 163 [stem: *Rhyticephal-*]. Type genus: *Rhyticephalus* Chevrolat, 1839.

Subtribe TRACHELIZINA Lacordaire, 1865

TRACHÉLIZIDES Lacordaire, 1865: 417 [stem: *Tracheliz-*]. Type genus: *Trachelizus* Dejean, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1872: 317, as TRACHELIZINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 53, as TRACHELIZINI); First Reviser (TRACHELIZINA Lacordaire, 1865 vs HEPHEOCERINA Lacordaire, 1865) not determined, current usage maintained.

HÉPHÉBOCÉRIDES Lacordaire, 1865: 415 [stem: *Hephebocer-*]. Type genus: *Hephebocerus* Schönherr, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1872: 317, as EPHEBOCERINAE [incorrect stem formation]).

ANCHISTENINI Schedl, 1961: 198 [stem: *Anchiste-*]. Type genus: *Anchisteus* Kolbe, 1883. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TYCHAEINA Schoenfeldt, 1908

TYCHAEIDAE Schoenfeldt, 1908: 48 [stem: *Tychae-*]. Type genus: *Tychaeus* Fischer von Waldheim, 1823 [syn. of *Nemorhinus* Schönherr, 1823].

Tribe ULOCERINI Schönherr, 1823

ULOCERIDES Schönherr, 1823: column 1137 [stem: *Ulocer-*]. Type genus: *Ulocerus* Schönherr, 1823.

Subfamily EURHYNCHINAE Lacordaire, 1863

EURHYNCHIDES Lacordaire, 1863: 527 [stem: *Eurhynch-*]. Type genus: *Eurhynchus* Kirby, 1828 [placed on the Official List of Generic Names in Zoology (ICZN 1985e)].

†Tribe AXELRODIELLINI Legalov, 2009

AXELRODIELLINI Legalov, 2009c: 292 [stem: *Axelrodiell-*]. Type genus: *Axelrodiellus* Zherikhin and Gratshev, 2004. Comment: incorrect original stem formation, not in prevailing usage.

Tribe EURHYNCHINI Lacordaire, 1863

EURHYNCHIDES Lacordaire, 1863: 527 [stem: *Eurhynch-*]. Type genus: *Eurhynchus* Kirby, 1828 [placed on the Official List of Generic Names in Zoology (ICZN 1985e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as EURHYNCHINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 56, as EURHYNCHIDAE); EURHYNCHINAE Lacordaire, 1863 placed on the Official List of Family-Group Names in Zoology (ICZN 1985e).

EURHININI Kissinger, 1968: 10 [stem: *Eurhin-*]. Type genus: *Eurhinus* Kirby, 1819 [preoccupied genus name, not *Eurhinus* Illiger, 1807 [Coleoptera: CURCULIONIDAE: BARIDINI]; syn. of *Eurhynchus* Kirby, 1828]. Comment: replacement name for EURHYNCHIDES Lacordaire, 1863 because of the homonymy of the type genus; junior homonym of EURHININA Lacordaire, 1865 [CURCULIONIDAE: BARIDINAE]; permanently invalid (Art. 39): based on preoccupied type genus.

Subfamily APIONINAE Schönherr, 1823

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797. Comment: First Reviser (APIONINAE Schönherr, 1823 vs ANTILIARHININAE Schönherr, 1823) not determined, current usage maintained.

Supertribe APIONITAE Schönherr, 1823

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797.

Tribe APIONINI Schönherr, 1823

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797.

Subtribe APIONINA Schönherr, 1823

APIONIDES Schönherr, 1823: column 1136 [stem: *Apion-*]. Type genus: *Apion* Herbst, 1797. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Api-*).

OXEOSTOMATIDAE Gistel, 1856a: 374 [stem: *Oxeostom-*]. Type genus: *Oxeostomum* Gistel, 1856 [syn. of *Apion* Herbst, 1797]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe APLEMONINA Kissinger, 1968

APLEMONINI Kissinger, 1968: 16 [stem: *Aplemon-*]. Type genus: *Aplemonus* Schönherr, 1847.

Subtribe ASPIDAPIINA Alonso-Zarazaga, 1990

ASPIDAPIINI Alonso-Zarazaga, 1990: 52 [stem: *Aspidapi-*]. Type genus: *Aspidapion* Schilsky, 1901.

Subtribe CATAPIINA Alonso-Zarazaga, 1990

CATAPIINA Alonso-Zarazaga, 1990: 114 [stem: *Catapi*-.] Type genus: *Catapion* Schilsky, 1906.

Subtribe CERATAPIINA Alonso-Zarazaga, 1990

CERATAPIINI Alonso-Zarazaga, 1990: 42 [stem: *Ceratapi*-.] Type genus: *Ceratapion* Schilsky, 1901.

Subtribe EXAPIINA Alonso-Zarazaga, 1990

EXAPIINI Alonso-Zarazaga, 1990: 75 [stem: *Exapi*-.] Type genus: *Exapion* Bedel, 1887.

Subtribe IXAPIINA Alonso-Zarazaga, 1990

IXAPIINI Alonso-Zarazaga, 1990: 71 [stem: *Ixapi*-.] Type genus: *Ixapion* Rou-dier and Tempère, 1973.

Subtribe KALCAPIINA Alonso-Zarazaga, 1990

KALCAPIINI Alonso-Zarazaga, 1990: 55 [stem: *Kalcapi*-.] Type genus: *Kalcapion* Schilsky, 1906.

Subtribe MALVAPIINA Alonso-Zarazaga, 1990

MALVAPIINI Alonso-Zarazaga, 1990: 65 [stem: *Malvapi*-.] Type genus: *Malvapion* Hoffmann, 1958.

Subtribe METAPIINA Alonso-Zarazaga, 1990

METAPIINI Alonso-Zarazaga, 1990: 62 [stem: *Metapi*-.] Type genus: *Metapion* Schilsky, 1906.

Subtribe OXYSTOMATINA Alonso-Zarazaga, 1990

OXYSTOMATINI Alonso-Zarazaga, 1990: 111 [stem: *Oxystomat*-.] Type genus: *Oxystoma* Duméril, 1805.

Subtribe PIEZOTRACHELINA Voss, 1959

PIEZOTRACHELINI Voss, 1959: 51 [stem: *Piezotrachel*-.] Type genus: *Piezotrachelus* Schönherr, 1839.

Subtribe PROTOTRICHAPIINA Wanat, 1995

PROTOTRICHAPIINI Wanat, 1995: 19 [stem: *Prototrichapi*-.] Type genus: *Prototrichapion* Voss, 1959.

Subtribe SYNAPIINA Alonso-Zarazaga, 1990

SYNAPIINA Alonso-Zarazaga, 1990: 118 [stem: *Synapi*-.] Type genus: *Synapion* Schilsky, 1902.

Subtribe TRICHAPIINA Alonso-Zarazaga, 1990

TRICHAPIINA Alonso-Zarazaga, 1990: 116 [stem: *Trichapi-*]. Type genus: *Trichapion* Wagner, 1912.

Tribe CHILAPIINI Wanat, 2001

CHILAPIITAE Wanat, 2001: 366 [stem: *Chilapi-*]. Type genus: *Chilapion* Kissinger, 1968.

Tribe NOTERAPIINI Kissinger, 2004

NOTERAPIONINI Kissinger, 2004: 243 [stem: *Noterapi-*]. Type genus: *Noterapion* Kissinger, 2002. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PODAPIINI Wanat, 2001

PODAPIITAE Wanat, 2001: 366 [stem: *Podapi-*]. Type genus: *Podapion* Riley, 1883.

Tribe RHINORHYNCHIDIINI Zimmerman, 1994

RHINORHYNCHIDIINAE Zimmerman, 1994b: 337 [stem: *Rhinorhynchidi-*]. Type genus: *Rhinorhynchidius* Voss, 1922.

Supertribe ANTILIARHINITAE Schönherr, 1823

ANTILIARHINIDES Schönherr, 1823: column 1137 [stem: *Antliarhin-*]. Type genus: *Antliarhis* Billberg, 1820 [as *Antliarbinus*, incorrect subsequent spelling of type genus name, not in prevailing usage].

Supertribe CYBEBITAE Lacordaire, 1863

CYBÉBIDES Lacordaire, 1863: 539 [stem: *Cybeb-*]. Type genus: *Cybebus* Schönherr, 1839. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as CYBEBINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 58, as CYBEBINI).

Supertribe MECOLENITAE Wanat, 2001

MECOLENINAE Wanat, 2001: 363 [stem: *Mecolen-*]. Type genus: *Mecolenus* Schönherr, 1847.

Supertribe MYRMACICELITAE Zimmerman, 1994

MYRMACICELINAE Zimmerman, 1994b: 349 [stem: *Myrmacicel-*]. Type genus: *Myrmacicelus* Chevrolat, 1833.

Tribe LISPOTHERIINI Wanat, 2001

LISPOTHERIINI Wanat, 2001: 365 [stem: *Lispotheri-*]. Type genus: *Lispotherium* Faust, 1891.

Tribe MYRMACICELINI Zimmerman, 1994

MYRMACICELINAE Zimmerman, 1994b: 349 [stem: *Myrmacicel*-.] Type genus: *Myrmacicelus* Chevrolat, 1833.

Supertribe RHADINOCYBITAE Alonso-Zarazaga, 1992

RHADINOCYBINI Alonso-Zarazaga, 1992: 193 [stem: *Rhadinocyb*-.] Type genus: *Rhadinocyba* Faust, 1889.

Tribe NOTAPIONINI Zimmerman, 1994

NOTAPIONINI Zimmerman, 1994b: 317 [stem: *Notapion*-.] Type genus: *Notapion* Zimmerman, 1994. Comment: current spelling maintained (Art. 29.5): incorrect stem formation in prevailing usage (should be *Notapi*-).

Tribe RHADINOCYBINI Alonso-Zarazaga, 1992

RHADINOCYBINI Alonso-Zarazaga, 1992: 193 [stem: *Rhadinocyb*-.] Type genus: *Rhadinocyba* Faust, 1889.

Supertribe TANAITAE Schönherr, 1839

TANAONIDES Schönherr, 1839: 447 [stem: *Tana*-.] Type genus: *Tanaos* Schönherr, 1826. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily ITHYCERINAE Schönherr, 1823

ITHYCERIDES Schönherr, 1823: column 1136 [stem: *Ithycer*-.] Type genus: *Ithycerus* Schönherr, 1823.

PACHYRHINCHIDAE Kirby, 1837: 203 [stem: *Pachyrhynch*-.] Type genus: *Pachyrhynchus* Kirby, 1837 [preoccupied genus name, not *Pachyrhynchus* Germar, 1824 [Coleoptera: CURCULIONIDAE: OTIORHYNCHINI]; syn. of *Ithycerus* Schönherr, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

†GOBICARINI Legalov, 2009c: 291 [stem: *Gobicar*-.] Type genus: *Gobicar* Gratshev and Zherikhin, 1999.

Subfamily MICRO CERINAE Lacordaire, 1863

MICROCERIDES Lacordaire, 1863: 20 [stem: *Microcer*-.] Type genus: *Microcerus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as MICRO CERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 63, as MICRO CERINAE).

*ÉPIDES Lacordaire, 1863: 22 [stem: *Epis*-.] Type genus: *Episus* Billberg, 1820. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 224, as EPISINI), but not generally accepted as valid.

Subfamily NANOPHYINAE Gistel, 1848

NANOPHYEIDAE Gistel, 1848: [7] [stem: *Nanophy*-.] Type genus: *Nanophyes* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1989b)].

Tribe CORIMALIINI Alonso-Zarazaga, 1989

CORIMALIINI Alonso-Zarazaga, 1989: 225 [stem: *Corimali*-.] Type genus: *Corimalia* Gozis, 1885.

Tribe NANOPHYINI Gistel, 1848

NANOPHYEIDAE Gistel, 1848: [7] [stem: *Nanophy*-.] Type genus: *Nanophyes* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1989b)]. Comment: incorrect original stem formation, not in prevailing usage.

Family DRYOPHTHORIDAE Schönherr, 1825

DRYOPHTHORIDES Schönherr, 1825: column 588 [stem: *Dryophthor*-.] Type genus: *Dryophthorus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987c)].

Subfamily DRYOPHTHORINAE Schönherr, 1825

DRYOPHTHORIDES Schönherr, 1825: column 588 [stem: *Dryophthor*-.] Type genus: *Dryophthorus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987c)].

Subfamily CRYPTODERMATINAE Bovie, 1908

OXYRHYNCHIDES Schönherr, 1823: column 1137 [stem: *Oxyrhynch*-.] Type genus: *Oxyrhynchus* Schönherr, 1823 [preoccupied genus name, not *Oxyrhynchus* Leach, 1818 [Pisces]; syn. of *Cryptoderma* Ritsema, 1885]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CRYPTODERMATINAE Bovie, 1908: 1 [stem: *Cryptodermat*-.] Type genus: *Cryptoderma* Ritsema, 1885. Comment: replacement name for OXYRHYNCHINAE Schönherr, 1823 because of the homonymy of the type genus; incorrect original stem formation, not in prevailing usage.

Subfamily ORTHOGNATHINAE Lacordaire, 1865

ORTHOGNATHIDES Lacordaire, 1865: 311 [stem: *Orthognath*-.] Type genus: *Orthognathus* Schönherr, 1837.

Tribe ORTHOGNATHINI Lacordaire, 1865

ORTHOGNATHIDES Lacordaire, 1865: 311 [stem: *Orthognath*-.] Type genus: *Orthognathus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 233, as ORTHOGNATHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 64, as ORTHOGNATHINI).

SIPALIDES Lacordaire, 1865: 310 [stem: *Sipal-*]. Type genus: *Sipalus* Schönherr, 1825 [preoccupied genus name, not *Sipalus* Fischer, 1813 [Mammalia]; syn. of *Sipalinus* G. A. K. Marshall, 1943]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as SIPALINAE), generally accepted as in Heyne and Taschenberg (1907: 233, as SIPALINI); permanently invalid (Art. 39): based on preoccupied type genus.

*SIPALININAE G. A. K. Marshall, 1953: 117 [stem: *Sipalin-*]. Type genus: *Sipalinus* G. A. K. Marshall, 1943. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

SIPALININAE Zimmerman, 1993: 47, in key [stem: *Sipalin-*]. Type genus: *Sipalinus* G. A. K. Marshall, 1943.

Tribe RHINOSTOMINI LeConte, 1874

RHINIDAE J. L. LeConte, 1874b: 466 [stem: *Rhin-*]. Type genus: *Rhina* Latreille, 1806 [preoccupied genus name, not *Rhina* Schneider, 1801 [Pisces]; syn. of *Rhinostomus* Rafinesque, 1815]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

RHINOSTOMINI Kuschel, 1995: 24, in key [stem: *Rhinostom-*]. Type genus: *Rhinostomus* Rafinesque, 1815 [placed on the Official List of Generic Names in Zoology (ICZN 1955a)].

Subfamily RHYNCHOPHORINAE Schönherr, 1833

RHYNCHOPHORIDES Schönherr, 1833: 26 [stem: *Rhynchophor-*]. Type genus: *Rhynchophorus* Herbst, 1795.

Tribe DIOCALANDRINI Zimmerman, 1993

DIOCALANDRINI Zimmerman, 1993: 99 [stem: *Diocalandr-*]. Type genus: *Diocalandra* Faust, 1894.

Tribe LITOSOMINI Lacordaire, 1865

CALANDRINA C. G. Thomson, 1859: 145 [stem: *Calandr-*]. Type genus: *Calandra* Gistel, 1848 [placed on the Official Index of Invalid and Rejected Generic Names in Zoology (ICZN 1959b); preoccupied genus name, not *Calandra* Clairville, 1798 [Coleoptera: CURCULIONIDAE: RHYNCHOPHORINAE: SPHENOPHORINI]; syn. of *Sitophilus* Schönherr, 1837]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

LITOSOMIDES Lacordaire, 1865: 303 [stem: *Litosom-*]. Type genus: *Litosomus* Lacordaire, 1865 [syn. of *Toxorhinus* Lacordaire, 1865]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1895: 224, as LITOSOMINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 65, as LITOSOMINI).

SITOPHILI Csiki, 1936: 68 [stem: *Sitophil-*]. Type genus: *Sitophilus* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1959b)]. Comment: name proposed to replace CALANDRINA C. G. Thomson, 1865 because of the synonymy of the type genus (*Calandra* auctorum is a synonym of *Sitophilus* Schönherr, 1837).

Tribe OMMATOLAMPINI Lacordaire, 1865

OMMATOLAMPIDES Lacordaire, 1865: 276 [stem: *Ommatolamp-*]. Type genus: *Ommatolampes* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 233, as OMMATOLAMPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 66, as OMMATOLAMPINI).

Tribe POLYTINI Zimmerman, 1993

POLYTINI Zimmerman, 1993: 94 [stem: *Polyt-*]. Type genus: *Polytus* Faust, 1894.

Tribe RHYNCHOPHORINI Schönherr, 1833

RHYNCHOPHORIDES Schönherr, 1833: 26 [stem: *Rhynchophor-*]. Type genus: *Rhynchophorus* Herbst, 1795.

Tribe SPHENOPHORINI Lacordaire, 1865

CALANDRAEDES Billberg, 1820a: 40 [stem: *Calandr-*]. Type genus: *Calandra* Clairville, 1798 [placed on the Official Index of Invalid and Rejected Generic Names in Zoology (ICZN 1959b)]. Comment: permanently invalid (Art. 39): based on suppressed type genus; several family-group names based on *Calandra* Clairville, 1798 were placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1959b).

SPHÉNOPHORIDES Lacordaire, 1865: 286 [stem: *Sphenophor-*]. Type genus: *Sphenophorus* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1959b)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 330, as SPHENOPHORINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 66, as SPHENOPHORINI); First Reviser (SPHENOPHORINI Lacordaire, 1865 vs SPHENOCORYNINI Lacordaire, 1865) not determined, current usage maintained.

SPHENOCORYNIDES Lacordaire, 1865: 279 [stem: *Sphenocoryn-*]. Type genus: *Sphenocorynes* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1886: 97, as SPHENOCORYNINAE), generally accepted as in Csiki (1936: 20, as SPHENOCORYNI).

OXYOPISTHINAE Kolbe, 1899: 5 [stem: *Oxyopisth-*]. Type genus: *Oxyopisthen* sensu Lacordaire, 1865 [not *Oxyopisthen* J. Thomson, 1858; syn. of *Korotyaevius* Alonso-Zarazaga and Lyal, 1999]. Comment: based on misidentified type genus.

Subfamily STROMBOSKERINAE Lacordaire, 1865

STROMBOSKERIDES Lacordaire, 1865: 306 [stem: *Strombosker-*]. Type genus: *Stromboskerus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as STROMBOCERINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 68, as STROMBOSKERINAE).

Family BRACHYKERIDAE Billberg, 1820

BRACHYKERIDES Billberg, 1820a: 39 [stem: *Brachyker-*]. Type genus: *Brachykerus* A. G. Olivier, 1789.

Subfamily BRACHYKERINAE Billberg, 1820

BRACHYKERIDES Billberg, 1820a: 39 [stem: *Brachyker-*]. Type genus: *Brachykerus* A. G. Olivier, 1789. Comment: the tribal classification used here follows Oberprieler (2010).

Tribe BRACHYKERINI Billberg, 1820

BRACHYKERIDES Billberg, 1820a: 39 [stem: *Brachyker-*]. Type genus: *Brachykerus* A. G. Olivier, 1789.

PROTOMANTIINAE Aurivillius, 1886: 21, in key [stem: *Protomanti-*]. Type genus: *Protomantis* Schönherr, 1840.

Tribe BYRSOPINI Germar, 1829

CRYPTOPSIDES Schönherr, 1826: 65 [stem: *Cryptop-*]. Type genus: *Cryptops* Schönherr, 1823 [preoccupied genus name, not *Cryptops* Leach, 1814 [Chilopoda]; syn. of *Byrsops* Germar, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

BYRSOPTIDES Germar, 1829: 358 [stem: *Byrsop-*]. Type genus: *Byrsops* Germar, 1829. Comment: incorrect original stem formation, not in prevailing usage.

BYRSOPSIDES Schönherr, 1833: 14 [stem: *Byrsop-*]. Type genus: *Byrsops* Schönherr, 1833 [preoccupied genus name, not *Byrsops* Germar, 1829 [Coleoptera: CURCULIONIDAE: BYRSOPINI]; syn. of *Byrsops* Germar, 1829]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

BROTHEINAE G. A. K. Marshall, 1907: 89 [stem: *Brothe-*]. Type genus: *Brotheus* Stephens, 1829. Comment: junior homonym of BROTHEINI Simon, 1879 in Scorpiones (type genus *Brotheas* C. L. Koch, 1837); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

BROTHEUSINI Alonso-Zarazaga and Lyal, 2006: 24 [stem: *Brotheus-*]. Type genus: *Brotheus* Stephens, 1829. Comment: unnecessary replacement name for BROTHEINAE Marshall, 1907 because of the homonymy of the family-group name; BROTHEINAE/-INI/-INA Simon, 1879 (type genus *Brotheas* C. L. Koch, 1837) has been used as valid in Scorpiones in recent literature, e.g., Prendini

and W. C. Wheeler (2005); the stem used by Alonso-Zarazaga and Lyal (2006) was chosen in accordance with Art. 29.6.

Subfamily CRYPTOLARYNGINAE Schalkwyk, 1966

CRYPTOPHARYNGINAE G. A. K. Marshall, 1957: 18 [stem: *Cryptopharyng-*]. Type genus: *Cryptopharynx* G. A. K. Marshall, 1957 [preoccupied genus name, not *Cryptopharynx* Kahl, 1928 [Protozoa]; syn. of *Cryptolarynx* Schalkwyk, 1966]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CRYPTOLARYNGINAE Schalkwyk, 1966: 745 [stem: *Cryptolaryng-*]. Type genus: *Cryptolarynx* Schalkwyk, 1966. Comment: replacement name for CRYPTOPHARYNGINAE G. A. K. Marshall, 1957 because of the homonymy of the type genus.

PERIEGINI Legalov, 2003: 68 [stem: *Perieg-*]. Type genus: *Perieges* Schönherr, 1842.

Subfamily ERIRHININAE Schönherr, 1825

ERIRHINIDES Schönherr, 1825: column 582 [stem: *Erirhin-*]. Type genus: *Erirhinus* Schönherr, 1825 [syn. of *Notaris* Germar, 1817].

Tribe AONYCHINI Zimmerman, 1993

AONYCHINI Zimmerman, 1993: 136, in key [stem: *Aonych-*]. Type genus: *Aonychus* Schönherr, 1844. Comment: junior homonym of AONYCHINI Davis, 1978 in Mammalia (type genus *Aonyx* Lesson, 1827); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

AONYCHUSINI Zimmerman, 1999: 72 [stem: *Aonychus-*]. Type genus: *Aonychus* Schönherr, 1844. Comment: unnecessary replacement name for AONYCHINI Zimmerman, 1993 because of the homonymy of the family-group name; the stem used by Zimmerman (1999) was chosen in accordance with Art. 29.6.

Tribe ARTHROSTENINI Reitter, 1913

ARTHROSTENINI Reitter, 1913b: 57, in key [stem: *Arthrosten-*]. Type genus: *Arthrostenus* Schönherr, 1826.

†Tribe CRETULIINI Legalov, 2009

CRETULIINI Legalov, 2009c: 293 [stem: *Cretuli-*]. Type genus: *Cretulio* Zherikhin, 1993.

Tribe ERIRHININI Schönherr, 1825

ERIRHINIDES Schönherr, 1825: column 582 [stem: *Erirhin-*]. Type genus: *Erirhinus* Schönherr, 1825 [syn. of *Notaris* Germar, 1817].

RHYNCHAENIDES Latreille, 1828: 599 [stem: *Rhynchaen-*]. Type genus: *Rhynchaenus* sensu Latreille, 1828 [not *Rhynchaenus* Clairville, 1798; syn. of *Notaris* Germar, 1817]. Comment: based on a misidentified type genus; an application will need to be submitted to the Commission to suppress this name for

the Principles of Priority and Homonymy (Art. 65.2.1) if RHYNCAHENIDAE Blanchard, 1853 in CURCULIONINAE: RHAMPHINI: RHAMPHINA is to be used as valid in the future.

NOTARINI Zumpt, 1929: 216 [stem: *Notar-*]. Type genus: *Notaris* sensu Tournier, 1874 [not *Notaris* Germar, 1817; syn. of *Tournotaris* Alonso-Zarazaga and Lyal, 1999]. Comment: based on a misidentified type genus.

NOTODERMINA Voss, 1952: 196, in note [stem: *Notoderm-*]. Type genus: *Notodermus* Desbrochers des Loges, 1875 [syn. of *Procas* Stephens, 1831].

Tribe HIMASTHLOPHALLINI Zherikhin, 1991

HIMASTHLOPHALLINI Zherikhin, 1991: 31 [stem: *Himasthlophall-*]. Type genus: *Himasthlophallus* Egorov and Zherikhin, 1991.

Tribe STENOPELMINI LeConte, 1876

STENOPELMI J. L. LeConte, 1876: 179 [stem: *Stenopelm-*]. Type genus: *Stenopelmus* Schönherr, 1835.

LISSORHOPTRINAE Böving and Craighead, 1931: 67, in key [stem: *Lissorhoptr-*]. Type genus: *Lissorhoptrus* J. L. LeConte, 1876.

Tribe TADIINI Zimmerman, 1993

TADIINI Zimmerman, 1993: 136, in key [stem: *Tadi-*]. Type genus: *Tadius* Pascoe, 1885.

Tribe TANYSPHYRINI Gistel, 1848

TANYSPHYRIDAE Gistel, 1848: [8] [stem: *Tanysphyr-*]. Type genus: *Tanysphyrus* Germar, 1817.

BRACHYPI J. L. LeConte, 1876: 180 [stem: *Brachypod-*]. Type genus: *Brachypus* Schönherr, 1826 [preoccupied genus name, not *Brachypus* Meyer, 1814 [Aves]; syn. of *Brachygyius* G. A. K. Marshall, 1939]. Comment: permanently invalid (Art. 39); based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

Subfamily OCLADIINAE Lacordaire, 1865

OCLADIIDES Lacordaire, 1865: 79 [stem: *Ocladi-*]. Type genus: *Ocladius* Schönherr, 1825.

Tribe DESMIDOPHORINI Morimoto, 1962

DESMIDOPHORINAE Morimoto, 1962a: 32, in key [stem: *Desmidophor-*]. Type genus: *Desmidophorus* Dejean, 1835.

Tribe OCLADIINI Lacordaire, 1865

OCLADIIDES Lacordaire, 1865: 79 [stem: *Ocladi-*]. Type genus: *Ocladius* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Hustache (1925: 9, as OCLADIINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 63, as OCLADIINI).

Subfamily RAYMONDIONYMINAE Reitter, 1913

RAYMONDIONYMINI Reitter, 1913b: 58, in key [stem: *Raymondionym*]-. Type genus: *Raymondionymus* Wollaston, 1873.

Tribe MYRTONYMINI Kuschel, 1990

MYRTONYMINA Kuschel, 1990: 80 [stem: *Myrtonym*]-. Type genus: *Myrtonymus* Kuschel, 1990.

Tribe RAYMONDIONYMINI Reitter, 1913

RAYMONDIONYMINI Reitter, 1913b: 58, in key [stem: *Raymondionym*]-. Type genus: *Raymondionymus* Wollaston, 1873.

Family CURCULIONIDAE Latreille, 1802

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion*]-. Type genus: *Curculio* Linnaeus, 1758.

Subfamily CURCULIONINAE Latreille, 1802

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion*]-. Type genus: *Curculio* Linnaeus, 1758.

Tribe ACALYPTINI Thomson, 1859

ACALYPTINA C. G. Thomson, 1859: 143 [stem: *Acalypt*]-. Type genus: *Acalyptus* Schönherr, 1833.

Subtribe ACALYPTINA Thomson, 1859

ACALYPTINA C. G. Thomson, 1859: 143 [stem: *Acalypt*]-. Type genus: *Acalyptus* Schönherr, 1833.

Subtribe DERELOMINA Lacordaire, 1865

DÉRÉLOMIDES Lacordaire, 1865: 9 [stem: *Derelom*]-. Type genus: *Derelomus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Marseul (1866: 109, as DERELOMIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 77, as DERELOMINI).

HOPLORRHININA Champion, 1903: 277 [stem: *Hoplorrhin*]-. Type genus: *Hoplorrhinus* Chevrolat, 1878 [as *Hoplorrhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Celetes* Schönherr, 1836]. Comment: incorrect original stem formation, not in prevailing usage.

CELETINI Voss, 1954: 344 [stem: *Celet*]-. Type genus: *Celetes* Schönherr, 1836. Comment: description by indication (distinguishing characters given in

Champion (1903: 277, as HOPLORRHININA)); name proposed to replace HOPLORRHININI Champion, 1903 because of synonymy of the type genus; CELETINI is not in prevailing usage (Art. 40.2.1).

Subtribe NOTOLOMINA Franz, 2006

NOTOLOMINA N. M. Franz, 2006: 276 [stem: *Notolom*-.] Type genus: *Notolomus* J. L. LeConte, 1876.

Subtribe PHYLOTROGINA Franz, 2006

PHYLOTROGINA N. M. Franz, 2006: 276 [stem: *Phyllotrog*-.] Type genus: *Phyllotrox* Schönherr, 1843.

Subtribe STAMINODEINA Franz, 2006

STAMINODEINA N. M. Franz, 2006: 277 [stem: *Staminode*-.] Type genus: *Staminodeus* Franz, 2001.

Tribe ACENTRUSINI Alonso-Zarazaga, 2005

ACENTRINA Seidlitz, 1890: 608 [stem: *Acentr*-.] Type genus: *Acentrus* Schönherr, 1845 [preoccupied genus name, not *Acentrus* Duponchel, 1839 [Coleoptera: CURCULIONIDAE: CURCULIONINAE: ACENTRUSINI]; syn. of *Acentrus* Duponchel, 1839]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

ACENTRUSINI Alonso-Zarazaga, 2005: 92 [stem: *Acentrus*-.] Type genus: *Acentrus* Duponchel, 1839. Comment: replacement name for ACENTRINI Seidlitz, 1890 because of the homonymy of the family-group name; the stem used by Alonso-Zarazaga (2005) was chosen in accordance with Art. 29.6.

Tribe ANCYLOCNEMIDINI Voss, 1962

ANCYLOCNEMINI Voss, 1962: 339 [stem: *Ancylocnemid*-.] Type genus: *Ancylocnemis* G. A. K. Marshall, 1920. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ANTHONOMINI Thomson, 1859

ANTHONOMINA C. G. Thomson, 1859: 144 [stem: *Anthonom*-.] Type genus: *Anthonomus* Germar, 1817.

*BRACHONYDES Tournier, 1874: 68, in key [stem: *Brachonych*-.] Type genus: *Brachonyx* Schönherr, 1825. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Tournier (1874); Alonso-Zarazaga and Lyal (1999: 74) attributed this name to the correct author but did not use it as a valid taxon; incorrect original stem formation, not in prevailing usage.

LONCOPHORINI Pierce, 1916: 467 [stem: *Loncophor*-.] Type genus: *Loncophorus* Chevrolat, 1832.

BRADYBATINI Pierce, 1919: 26, in key [stem: *Bradybat*-.]. Type genus: *Bradybatus* Germar, 1824.

BRACHONYCHINA Voss, 1944: 38, in key [stem: *Brachonych*-.]. Type genus: *Brachonyx* Schönherr, 1825.

TACHYPTERELLINA Voss, 1944: 38, in key [stem: *Tachypterell*-.]. Type genus: *Tachypterellus* Fall and Cockerell, 1907 [syn. of *Anthonomus* Germar, 1817].

Tribe CAMAROTINI Schönherr, 1833

CAMAROTIDES Schönherr, 1833: 4 [stem: *Camarot*-.]. Type genus: *Camarotus* Germar, 1817.

Subtribe CAMAROTINA Schönherr, 1833

CAMAROTIDES Schönherr, 1833: 4 [stem: *Camarot*-.]. Type genus: *Camarotus* Germar, 1817.

Subtribe PRIONOMERINA Lacordaire, 1863

PRIONOMÉRIDES Lacordaire, 1863: 598 [stem: *Prionomer*-.]. Type genus: *Prionomerus* Schönherr, 1835 [syn. of *Odontopus* Say, 1831]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as PRIONOMERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 75, as PRIONOMERINA).

Tribe CERATOPODINI Lacordaire, 1863

CÉRATOPIDES Lacordaire, 1863: 589 [stem: *Ceratopod*-.]. Type genus: *Ceratopus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as CERATOPINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 76, as CERATOPODINI); incorrect original stem formation, not in prevailing usage.

Tribe CIONINI Schönherr, 1825

CIONIDES Schönherr, 1825: column 587 [stem: *Cion*-.]. Type genus: *Cionus* Clairville, 1798.

Tribe CRANOPOEINI Kuschel, 2009

CRANOPOEINI Kuschel, 2009: 44 [stem: *Cranopoe*-.]. Type genus: *Cranopoeus* G. A. K. Marshall, 1931.

Tribe CRYPTOPLINI Lacordaire, 1863

CRYPTOPLIDES Lacordaire, 1863: 486 [stem: *Cryptopl*-.]. Type genus: *Cryptoplus* Erichson, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 175, as CRYPTOPLI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 76, as CRYPTOPLINI).

HAPLONYCIDES Lacordaire, 1865: 16 [stem: *Haplonych*-.] Type genus: *Haplonyx* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as HAPLONYCHINAE), generally accepted as in Schenckling and G. A. K. Marshall (1936: 1, as HAPLONYCHINAE); incorrect original stem formation, not in prevailing usage; this name is a junior homonym of HAPLONYCHINI Burmeister, 1855 (type genus *Haplonycha* Dejean, 1836) proposed in SCARABAEIDAE and now a synonym of LIPARETRINI H. C. C. Burmeister, 1855; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1) if either of those names is to be used as valid in the future.

Tribe CURCULIONINI Latreille, 1802

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion*-.] Type genus: *Curculio* Linnaeus, 1758.

Subtribe CURCULIONINA Latreille, 1802

CURCULIONITES Latreille, 1802: 195 [stem: *Curculion*-.] Type genus: *Curculio* Linnaeus, 1758.

BALANINIDAE Gistel, 1848: [7] [stem: *Balanin*-.] Type genus: *Balaninus* Germar, 1817 [syn. of *Curculio* Linnaeus, 1758].

Subtribe PSEUDOBALANININA Heller, 1925

PSEUDOBALANININA Heller, 1925b: 94, in key [stem: *Pseudobalanin*-.] Type genus: *Pseudobalaninus* Faust, 1889.

Subtribe TIMOLINA Heller, 1925

TIMOLINA Heller, 1925b: 94, in key [stem: *Timol*-.] Type genus: *Timola* Pascoe, 1886.

Tribe DIABATHRARIINI Lacordaire, 1863

DIABATHRARIIDES Lacordaire, 1863: 407 [stem: *Diabathrari*-.] Type genus: *Diabathrarius* Schönherr, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as DIABATHRARIINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as DIABATHRARIINI); transfer from CYCLOMINAE by Oberprieler (2010).

Tribe ELLESCINI Thomson, 1859

ELLESCINA C. G. Thomson, 1859: 143 [stem: *Ellesc*-.] Type genus: *Ellescus* Dejean, 1821 [as *Elleschus*, unjustified emendation of type genus name by Schönherr (1837), not in prevailing usage].

Subtribe DORYTOMINA Bedel, 1886

DORYTOMINI Bedel, 1886: 280 [stem: *Dorytom*-.] Type genus: *Dorytomus* Germar, 1817.

Subtribe ELLESCINA Thomson, 1859

ELLESCINA C. G. Thomson, 1859: 143 [stem: *Ellesc-*]. Type genus: *Ellescus* Dejean, 1821 [as *Elleschus*, unjustified emendation of type genus name by Schönherr (1837), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ERODISCINI Lacordaire, 1863

ERODISCIDES Lacordaire, 1863: 566 [stem: *Erodisc-*]. Type genus: *Erodiscus* sensu Lacordaire, 1863 [Lacordaire excluded the type species of *Erodiscus* Schönherr, 1825 to place it in *Toxentes* Schönherr, 1843; the five species that Lacordaire included in *Erodiscus* are now placed in *Sicoderus* Vanin, 1986, *Prosicoderus* Vanin, 1986 and *Pimelerodius* Vanin, 1986]. Comment: based on a misidentified type genus; MAAZ and CHCL will submit an application for the conservation of this name by designating *Erodiscus* Schönherr, 1825 as its type genus.

Tribe EUGNOMINI Lacordaire, 1863

EUGNOMIDES Lacordaire, 1863: 499 [stem: *Eugnom-*]. Type genus: *Eugnomus* Schönherr, 1847.

Subtribe EUGNOMINA Lacordaire, 1863

EUGNOMIDES Lacordaire, 1863: 499 [stem: *Eugnom-*]. Type genus: *Eugnomus* Schönherr, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 174, as EUGNOMI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 79, as EUGNOMINI); First Reviser found (EUGNOMINA Lacordaire, 1863 vs SCOLOPTERINA Lacordaire, 1863) is Voss (1937a: 37).

SCOLOPTÉRIDES Lacordaire, 1863: 565 [stem: *Scolopter-*]. Type genus: *Scolop-terus* A. White, 1846. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as SCOLOP-TERINAE), generally accepted as in Broun (1880: 472 as SCOLOPTERIDAE).

PACTOLINA Voss, 1936: 112, in key [stem: *Pactol-*]. Type genus: *Pactola* Pascoe, 1876.

STEPHANORHYNCHINA Voss, 1936: 112 [stem: *Stephanorhynch-*]. Type genus: *Stephanorhynchus* A. White, 1846.

Subtribe MERIPHINA Marshall, 1937

MERIPHINAE G. A. K. Marshall, 1937a: 329 [stem: *Meriph-*]. Type genus: *Meriphus* Erichson, 1842.

Tribe GONIPTERINI Lacordaire, 1863

GONIPTÉRIDES Lacordaire, 1863: 391 [stem: *Gonipter-*]. Type genus: *Gonipterus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as GONIPTERINAE), gener-

ally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as GONIPTERINI); transfer from CYCLOMINAE by Oberprieler (2010).

Tribe MECININI Gistel, 1848

MECINIDAE Gistel, 1848: [7] [stem: *Mecin*-.] Type genus: *Mecinus* Germar, 1821.

GYMNETRINA C. G. Thomson, 1859: 143 [stem: *Gymnetr*-.] Type genus: *Gymnetron* Schönherr, 1825. Comment: junior homonym of GYMNETRINAE Swainson, 1839 in Pisces (type genus *Gymnetrus* Bloch, 1795).

MIARIDES Tournier, 1874: 66 [stem: *Miar*-.] Type genus: *Miarus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pierce (1919: 30, as MIARINAE).

MIARINI Zherikhin, 1991: 123 [stem: *Miar*-.] Type genus: *Miarus* Schönherr, 1826. Comment: family-group name proposed as new without reference to MIARIDES Tournier, 1874.

Tribe NERTHOPINI Lacordaire, 1865

NERTHOPIDES Lacordaire, 1865: 19 [stem: *Nerthop*-.] Type genus: *Nerthops* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as NERTHOPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 80, as NERTHOPINI); precedence (NERTHOPINI Lacordaire, 1865 vs ACALLOPISTINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

*MICROSTYLIDES Lacordaire, 1865: 20 [stem: *Microstyl*-.] Type genus: *Microstylus* Schönherr, 1847. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Lacordaire (1865); subsequent usage of MICROSTYLINAE by Hoffmann (1968: 27) and MICROSTYLIDAE by Ienistea (1986: 33) did not validate this name because these authors did not attribute their names to Lacordaire, 1865; MICROSTYLINAE Hoffmann, 1968: 27 and MICROSTYLIDAE Ienistea, 1986: 33 are also unavailable because they were proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ACALLOPISTIDES Lacordaire, 1865: 22 [stem: *Acalloplast*-.] Type genus: *Acalloplastus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1932: 371, as ACALLOPISTINAE), generally accepted as in Hustache (1934: 3, as ACALLOPISTINI).

ARCHOLABINAE Voss, 1929a: 200 [stem: *Archolab*-.] Type genus: *Archolabus* Voss, 1929.

Tribe OTIDOCEPHALINI Lacordaire, 1863

OTIDOCÉPHALIDES Lacordaire, 1863: 568 [stem: *Otidocephal*-.] Type genus: *Otidocephalus* Chevrolat, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as OTIDOCEPHALINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 80, as OTIDOCEPHALINI).

Tribe PIAZORHININI Lacordaire, 1863

PIAZORHINIDES Lacordaire, 1863: 601 [stem: *Piazorhin-*]. Type genus: *Piazorhinus* Schönherr, 1835. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1875: 162, as PIAZORHINIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 81, as PIAZORHININI).

Tribe PRIONBRACHIINI Hustache, 1938

PRIONBRACHIINA Hustache, 1938: 90, in key [stem: *Prionobrachi-*]. Type genus: *Prionobrachium* Faust, 1894.

Tribe PYROPINI Lacordaire, 1865

PYROPIDES Lacordaire, 1865: 187 [stem: *Pyrop-*]. Type genus: *Pyropus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as PYROPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 81, as PYROPINI).

Tribe RHAMPHINI Rafinesque, 1815

RAMPHORIA Rafinesque, 1815: 115 [stem: *Rhamph-*]. Type genus: *Rhamphus* Clairville, 1798 [as *Ramphorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe DINORRHOPALINA Voss, 1936

DINORRHOPALINA Voss, 1936: 112, in key [stem: *Dinorhopal-*]. Type genus: *Dinorhopala* Pascoe, 1860 [as *Dinorrhopala*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe IXALMINA Voss, 1936

IXALMINA Voss, 1936: 112, in key [stem: *Ixalmin-*]. Type genus: *Ixalma* Pascoe, 1871.

Subtribe RHAMPHINA Rafinesque, 1815

RAMPHORIA Rafinesque, 1815: 115 [stem: *Rhamph-*]. Type genus: *Rhamphus* Clairville, 1798 [as *Ramphorus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

RHAMPHIDES Schönherr, 1823: column 1136 [stem: *Rhamph-*]. Type genus: *Rhamphus* Clairville, 1798. Comment: family-group name proposed as new without reference to RAMPHORIA Rafinesque, 1815.

ORCHESTIDES Latreille, 1828: 601 [stem: *Orchest-*]. Type genus: *Orchestes* Illiger, 1798.

RHYNCHENIDAE Blanchard, 1853: 240 [stem: *Rhynchaen*-]. Type genus: *Rhynchaenus* Clairville, 1798. Comment: incorrect original stem formation, not in prevailing usage; an application will need to be submitted to the Commission to suppress RHYNCHAENIDES Latreille, 1828 (based on the misidentified type genus *Rhynchaenus* sensu Latreille, 1828) for the Principles of Priority and Homonymy (Art. 65.2.1) if this name is to be used as valid.

Subtribe TACHYGONINA Lacordaire, 1865

TACHYGONIDES Lacordaire, 1865: 167 [stem: *Tachygon*-]. Type genus: *Tachygonus* Schönherr, 1833 [syn. of *Tachygonus* Guérin-Méneville, 1833]. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Pascoe (1870b: 437, as TACHYGONINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 82, as TACHYGONINA); the type genus for Lacordaire's TACHYGONIDES is *Tachygonus* Schönherr, 1833; an application will be submitted by MAAZ and CHCL to the Commission to designate *Tachygonus* Guérin-Méneville, [1833] as the type genus of this family-group name.

Tribe SMICRONYCHINI Seidlitz, 1891 *nomen protectum*

DESMORHINES J. L. LeConte, 1876: 167 [stem: *Desmorin*-]. Type genus: *Desmoris* J. L. LeConte, 1876 [syn. of *Smicronyx* Schönherr, 1843]. Comment: *nomen oblitum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

SMICRONYCINA Seidlitz, 1891 [Gatt.]: 162 [stem: *Smicronych*-]. Type genus: *Smicronyx* Schönherr, 1843. Comment: *nomen protectum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

Tribe SPHAERIOPOEINI Kuschel, 2003

SPHAERIOPOEINI Kuschel, 2003: 63 [stem: *Sphaeriopoe*-]. Type genus: *Sphaeriopoeus* Kuschel, 2003.

Tribe STOREINI Lacordaire, 1863

STOREIDES Lacordaire, 1863: 494 [stem: *Store*-]. Type genus: *Storeus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Kirsch (1877: 170, as STOREIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 82, as STOREINI).

HYBOMORPHIDES Lacordaire, 1865: 141 [stem: *Hybomorph*-]. Type genus: *Hybomorphus* Saunders and Jekel, 1855. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form and generally accepted as in Hustache (1936: 261, as HYBOMORPHINA).

Tribe STYPHLINI Jekel, 1861

STYPHLIDAE Jekel, 1861: 274 [stem: *Styphl-*]. Type genus: *Styphlus* Schönherr, 1826.

*ORTHOCHAETINI A. Winkler, 1932: 1544 [stem: *Orthochaet-*]. Type genus: *Orthochaetes* Germar, 1824. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

ORTHOCAETINA Morimoto, 1962a: 56, in key [stem: *Orthochaet-*]. Type genus: *Orthochaetes* Germar, 1824. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TYCHIIINI Gistel, 1848

TYCHIIDAE Gistel, 1848: [7] [stem: *Tychi-*]. Type genus: *Tychius* Germar, 1817.

Subtribe DEMIMAEINA Voss, 1937

DEMIMAEINI Voss, 1937b: 144 [stem: *Demimae-*]. Type genus: *Demimaea* Pascoe, 1870.

Subtribe LIGNYODINA Bedel, 1884

LIGNYODINI Bedel, 1884a: 66, in key [stem: *Lignyod-*]. Type genus: *Lignyodes* Dejean, 1835.

Subtribe OCHYROMERINA Voss, 1935

OCHYROMERINA Voss, 1935a: 228 [stem: *Ochyromer-*]. Type genus: *Ochyromera* Pascoe, 1874.

ENDAEINI Voss, 1958: 101, in key [stem: *Endae-*]. Type genus: *Endaeus* Schönherr, 1826.

Subtribe TYCHIIINA Gistel, 1848

TYCHIIDAE Gistel, 1848: [7] [stem: *Tychi-*]. Type genus: *Tychius* Germar, 1817.

MICCOTROGIDAE Gistel, 1856a: 371 [stem: *Miccotrog-*]. Type genus: *Miccotrogus* Schönherr, 1825 [syn. of *Tychius* Germar, 1817].

SIBYNIDAE Marseul, 1863: 239 [stem: *Sibini-*]. Type genus: *Sibinia* Germar, 1817 [as *Sibynes*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ULOMASCINI Lacordaire, 1865

ULOMASCIDES Lacordaire, 1865: 184 [stem: *Ulomasc-*]. Type genus: *Ulomascus* Fairmaire, 1848. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as ULOMASCINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 86, as ULOMASCINI).

Tribe VITICINI Morimoto, 1983

VITICINAE Morimoto, 1983: 55 [stem: *Vitici*-.] Type genus: *Viticis* Lea, 1930.

Comment: transfer from Cyclominae by Oberprieler (2010).

Subfamily BAGOINAE Thomson, 1859 *nomen protectum*

LYPRIIDAE Gistel, 1848: [7] [stem: *Lypr*-.] Type genus: *Lyprus* Schönherr, 1826 [syn. of *Bagous* Germar, 1817]. Comment: as pointed out by Alonso-Zarazaga and Lyal (2002: 17) this is the oldest available name for the subfamily; LYPRINAE Gistel, 1848 was recently considered a *nomen oblitum* by Colonnelli (2003: 7) however the necessary supporting references were not provided; we hereby consider LYPRINAE Gistel 1848 as a *nomen oblitum* (see supporting references in Appendix 1); incorrect original stem formation, not in prevailing usage.

BAGOINA C. G. Thomson, 1859: 135 [stem: *Bago*-.] Type genus: *Bagous* Germar, 1817. Comment: *nomen protectum* (see Appendix 1).

HYDRONOMIDES Lacordaire, 1863: 483 [stem: *Hydronom*-.] Type genus: *Hydronomus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1876: 182, as HYDRONOMI), generally accepted as in Zimmerman (1993: 150, as HYDRONOMINI).

PSEUDOBAGOINI Sharp, 1917: 26 [stem: *Pseudobago*-.] Type genus: *Pseudobagous* Sharp, 1917.

Subfamily BARIDINAE Schönherr, 1836

BARIDIDES Schönherr, 1836: 636 [stem: *Barid*-.] Type genus: *Baris* Germar, 1817 [as *Baridius*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage].

Tribe AMBATINI Lacordaire, 1863

AMBATIDES Lacordaire, 1863: 512 [stem: *Ambat*-.] Type genus: *Ambates* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as AMBATINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 93, as AMBATINI).

*PTERACANTHIDES Chevrolat, 1878: 341 [stem: *Pteracanth*-.] Type genus: *Pteracanthus* Dejean, 1835. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized; a family-group name with the same stem, PTERACANTHINA J. Thomson, 1864 (type genus *Pteracantha* Newman, 1838), is available in Coleoptera: CERAMBYCIDAE.

Tribe ANOPSILINI Bondar, 1942

ANOPSILINI Bondar, 1942: 253 [stem: *Anopsil*-.] Type genus: *Anopsilus* Kirsch, 1870.

Tribe APOSTASIMERINI Schönherr, 1844

APOSTASIMERIDES Schönherr, 1844: 1 [stem: *Apostasimer*-.] Type genus: *Apostasimerus* Schönherr, 1844. Comment: see Prena (2009: 33) for details on authorship and taxa included in this tribe.

Subtribe APOSTASIMERINA Schönherr, 1844

*APOSTASIMERIDES Schönherr, 1836: 557 [stem: *Apostasimer*-.] Type genus: *Apostasimerus* Schönherr, 1844. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time.

APOSTASIMERIDES Schönherr, 1844: 1 [stem: *Apostasimer*-.] Type genus: *Apostasimerus* Schönherr, 1844.

Subtribe MADOPTERINA Lacordaire, 1865

MADOPTÉRIDES Lacordaire, 1865: 243 [stem: *Madopter*-.] Type genus: *Madopterus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1870: 218, as MADOPTERIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 96, as MADOPTERINI).

Subtribe THALIABARIDINA Bondar, 1943

THALIABARINI Bondar, 1943b: 131 [stem: *Thaliabarid*-.] Type genus: *Thaliabaris* Bondar, 1943. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TORCINA Bondar, 1943

TORCOCINA Bondar, 1943a: 53 [stem: *Torc*-.] Type genus: *Torcus* Casey, 1922. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe ZYGOBARIDINA Pierce, 1907

CENTRINIDES Jekel, 1865: 548 [stem: *Centrin*-.] Type genus: *Centrinus* Schönherr, 1825. Comment: junior homonym of CENTRININAE Swainson, 1839 in Pisces (type genus *Centrina* Cuvier 1817); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

ZYGOBARI Pierce, 1907: 381 [stem: *Zygobarid*-.] Type genus: *Zygobaris* J. L. Le Conte, 1876. Comment: incorrect original stem formation, not in prevailing usage; Alonso-Zarazaga and Lyal (1999: 97) and subsequent workers have used this name as valid instead of the junior homonym CENTRININA Jekel, 1865, we continue to use ZYGOBARIDINA as valid here.

LIMNOBARINI Casey, 1922: 269 [stem: *Limnobarid*-.] Type genus: *Limnobaris* Bedel, 1885. Comment: incorrect original stem formation, not in prevailing usage.

Tribe BARIDINI Schönherr, 1836

BARIDIDES Schönherr, 1836: 636 [stem: *Barid*]. Type genus: *Baris* Germar, 1817 [as *Baridius*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage].

Subtribe BARIDINA Schönherr, 1836

BARIDIDES Schönherr, 1836: 636 [stem: *Barid*]. Type genus: *Baris* Germar, 1817 [as *Baridius*, unjustified emendation of type genus name by Schönherr (1825), not in prevailing usage].

Subtribe COELONERTINA Casey, 1922

COELONERTINI Casey, 1922: 94 [stem: *Coelonert*]. Type genus: *Coelonertus* Solari and Solari, 1906.

Subtribe COLEOMERINA Casey, 1922

COLEOMERINI Casey, 1922: 84 [stem: *Coleomer*]. Type genus: *Coleomerus* Schönherr, 1836.

Subtribe DIORYMERINA Jekel, 1865

DIORYMERIDES Jekel, 1865: 548 [stem: *Diorymer*]. Type genus: *Diorymerus* Schönherr, 1825.

Subtribe EURHININA Lacordaire, 1865

EURHINIDES Lacordaire, 1865: 220 [stem: *Eurhin*]. Type genus: *Eurhinus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1985e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pierce (1915: 15, as EURHININAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 92, as EURHININA); EURHININI Lacordaire, 1865 placed on the Official List of Family-Group Names in Zoology (ICZN 1985e).

Tribe MADARINI Jekel, 1865

MADARIDES Jekel, 1865: 550 [stem: *Madar*]. Type genus: *Madarus* Schönherr, 1825. Comment: MADARINI, published on 25 January 1865, has priority over BARYMERINI and LEPTOSCHOININI both published by Lacordaire “before 12 December 1865”.

Subtribe BARYMERINA Lacordaire, 1865

BARYMÉRIDES Lacordaire, 1865: 259 [stem: *Barymer*]. Type genus: *Barymerus* Lacordaire, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1896: 127, as BARYMERINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 94, as BARYMERINA).

SONNETIINI Casey, 1922: 321 [stem: *Sonneti*-.] Type genus: *Sonnetius* Casey, 1922.

Subtribe EUTOXINA Champion, 1908

EUTOXIDES Champion, 1908: 360 [stem: *Eutox*-.] Type genus: *Eutoxus* Schönherr, 1844.

Subtribe LEPTOSCHOININA Lacordaire, 1865

LEPTOSCHOÏNIDES Lacordaire, 1865: 236 [stem: *Leptoschoin*-.] Type genus: *Leptoschoinus* Dejean, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1896: 126, as LEPTOSCHOENORUM [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 94, as LEPTOSCHOININA).

Subtribe MADARINA Jekel, 1865

MADARIDES Jekel, 1865: 550 [stem: *Madar*-.] Type genus: *Madarus* Schönherr, 1825.

Subtribe TONESIINA Alonso-Zarazaga and Lyal, 1999

LYTÉRIIDES Lacordaire, 1865: 249 [stem: *Lyteri*-.] Type genus: *Lyterius* sensu Lacordaire, 1865 [not *Lyterius* Schönherr, 1844; syn. of *Tonesia* Casey, 1922]. Comment: based on a misidentified type genus, name treated here as invalid until an application is submitted to the Commission to suppress it for the Principle of Priority (Art. 65.2.1).

TONESIINA Alonso-Zarazaga and Lyal, 1999: 95 [stem: *Tonesi*-.] Type genus: *Tonesia* Casey, 1922. Comment: although this is not the oldest name for the subtribe, we recommend that an application be submitted to the Commission to suppress LYTÉRIINI Lacordaire, 1865 because it is based on a misidentified type genus (Art. 65.2.1).

Tribe NEOSHARPIINI Hoffmann, 1956

NEOSHARPINI Hoffmann, 1956: 246 [stem: *Neosharpi*-.] Type genus: *Neosharpia* Hoffmann, 1956. Comment: incorrect original stem formation, not in prevailing usage.

Tribe NERTINI Voss, 1954

*NERTIDES Lacordaire, 1865: 238 [stem: *Nert*-.] Type genus: *Nertus* Schönherr, 1844 [preoccupied genus name, not *Nertus* Boie, 1828 [Aves]; syn. of *Nertinus* G. A. K. Marshall, 1943]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized and attributed to Lacordaire (1865); if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

NERTINI Bondar, 1949: 223 [stem: *Nert-*]. Type genus: *Nertus* Schönherr, 1844 [preoccupied genus name, not *Nertus* Boie 1828 [Aves]; syn. of *Nertinus* G. A. K. Marshall, 1943]. Comment: family-group name proposed as new without reference to NERTIDES Lacordaire, 1865; permanently invalid (Art. 39): based on preoccupied type genus.

NERTININA Voss, 1954: 323 [stem: *Nertin-*]. Type genus: *Nertinus* G. A. K. Marshall, 1943.

Tribe OPTATINI Champion, 1907

OPTATIDES Champion, 1907: 185 [stem: *Optat-*]. Type genus: *Optatus* Pascoe, 1889.

Tribe PANTOTELINI Lacordaire, 1865

PANTOTÉLIDES Lacordaire, 1865: 212 [stem: *Pantotel-*]. Type genus: *Pantoteles* Schönherr, 1845.

Subtribe CYRIONYCHINA Casey, 1922

CYRIONICHINI Casey, 1922: 10 [stem: *Cyrionych-*]. Type genus: *Cyrionyx* Faust, 1896. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe PANTOTELINA Lacordaire, 1865

PANTOTÉLIDES Lacordaire, 1865: 212 [stem: *Pantotel-*]. Type genus: *Pantoteles* Schönherr, 1845. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as PANTOTELINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 102, as PANTOTELINI).

Tribe PERIDINETINI Lacordaire, 1865

PÉRIDINÉTIDES Lacordaire, 1865: 209 [stem: *Peridinet-*]. Type genus: *Peridinetus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1886: clii, as PERIDINETINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 102, as PERIDINETINI).

Subfamily CEUTORHYNCHINAE Gistel, 1848

CENTORHYNCHIDAE Gistel, 1848: [7] [stem: *Ceutorhynch-*]. Type genus: *Ceutorhynchus* Germar, 1824 [as *Centorhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage; placed on the Official List of Generic Names in Zoology (ICZN 1989c)]. Comment: incorrect original stem formation, not in prevailing usage; First Revisers found (CEUTORHYNCHINAE Gistel, 1848 vs PHYTOBIINAE Gistel, 1848) are Alonso-Zarazaga and Lyal (2002).

Tribe CEUTORHYNCHINI Gistel, 1848

CENTORHYNCHIDAE Gistel, 1848: [7] [stem: *Ceutorhynch-*]. Type genus: *Ceutorhynchus* Germar, 1824 [as *Centorhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage; placed on the Official List of Generic Names in Zoology (ICZN 1989c)]. Comment: incorrect original stem formation, not in prevailing usage.

ISORHYNCHIDES Lacordaire, 1865: 172 [stem: *Isorhynch-*]. Type genus: *Isorhynchus* Schönherr, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as ISORHYNCHINAE), generally accepted as in Hustache (1934: 72, as ISORHYNCHINI).

COELIOIDES J. L. LeConte, 1876: 268 [stem: *Coeliod-*]. Type genus: *Coeliodes* Schönherr, 1837 [placed on the Official List of Generic Names in Zoology (ICZN 1989c)].

POOPHAGIDAE Schultze, 1902: 226 [stem: *Poophag-*]. Type genus: *Poophagus* Schönherr, 1837.

AMALINA Wagner, 1936: 166 [stem: *Amal-*]. Type genus: *Amalus* Schönherr, 1825.

PHRYDIUCHINA Wagner, 1938: 163 [stem: *Phrydiuch-*]. Type genus: *Phrydiuchus* Gozis, 1885.

OXYONYXINA Hoffmann, 1957b: 220 [stem: *Oxyonych-*]. Type genus: *Oxyonyx* Faust, 1885. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CNEMOGONINI Colonnelli, 1979

CNEMOGONINI Colonnelli, 1979: 2 [stem: *Cnemogon-*]. Type genus: *Cnemogonus* J. L. LeConte, 1876.

Tribe EGRINI Pajni and Kohli, 1982

EGRINI Pajni and Kohli, 1982: 339, in key [stem: *Egri-*]. Type genus: *Egrius* Pascoe, 1865.

EGRINI Colonnelli, 1984: 209 [stem: *Egri-*]. Type genus: *Egrius* Pascoe, 1865. Comment: family-group name proposed as new without reference to EGRINI Pajni and Kohli, 1982.

Tribe HYPOHYPURINI Colonnelli, 2004

HYPOHYPURINI Colonnelli, 2004: 10 [stem: *Hypohypur-*]. Type genus: *Hypohypurus* Hustache, 1920.

Tribe HYPURINI Schultze, 1902

HYPURIDAE Schultze, 1902: 209 [stem: *Hypur-*]. Type genus: *Hypurus* Rey, 1882.

Tribe LIOXYONYCHINI Colonnelli, 1984

LIOXYONYXINI Colonnelli, 1984: 209 [stem: *Lioxyonych-*]. Type genus: *Lioxyonyx* Hustache, 1933. Comment: incorrect original stem formation, not in prevailing usage.

Tribe MECYSMODERINI Wagner, 1938

MECYSMODERINA Wagner, 1938: 170 [stem: *Mecysmoder*-.] Type genus: *Mecysmoderes* Schönherr, 1837.

Tribe MONONYCHINI LeConte, 1876

MONONYCHI J. L. LeConte, 1876: 267 [stem: *Mononych*-.] Type genus: *Mononychus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1989c)].

Tribe PHYTOBIINI Gistel, 1848

PHYTOBIIDAE Gistel, 1848: [7] [stem: *Phytobi*-.] Type genus: *Phytobius* Schönherr, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 2001)].
RHINONCIDES C. G. Thomson, 1865: 231 [stem: *Rhinonc*-.] Type genus: *Rhinoncus* Schönherr, 1825 [placed on the Official List of Generic Names in Zoology (ICZN 1989c)].

Tribe SCLEROPTERINI Schultze, 1902

SCLEROPTERIDAE Schultze, 1902: 209 [stem: *Scleropter*-.] Type genus: *Scleropterus* Schönherr, 1825. Comment: the family-group name SCLÉROPTERIDES was used earlier by Solier (1834) in the Heteromera, however, Solier's name was not based on a genus name and is therefore unavailable; Agassiz (1846a: 146) incorrectly mentions *Scleropterus* as the type genus of Solier's name but this is impossible because the family-group and genus-group names belonged to different orders; Agassiz (1846b: 335) also latinized Solier's name as SCLEROPTEROIDAE.

Subfamily CONODERINAE Schönherr, 1833

CONODERIDES Schönherr, 1833: 26 [stem: *Conoder*-.] Type genus: *Conoderes* Schönherr, 1833.

Tribe ARACHNOPODINI Lacordaire, 1865

ARACHNOPIDES Lacordaire, 1865: 159 [stem: *Arachnopod*-.] Type genus: *Arachnopus* Guérin-Ménéville, 1838 [syn. of *Arachnobas* Boisduval, 1835]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as ARACHNOPINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 109, as ARACHNOPODINI); incorrect original stem formation, not in prevailing usage.

Tribe CAMPYLOSCELINI Schönherr, 1845

CAMPYLOSCELIDES Schönherr, 1845: 197 [stem: *Campyloscel*-.] Type genus: *Campyloscelus* Schönherr, 1845.

Subtribe CAMPYLOSCELINA Schönherr, 1845

CAMPYLOSCELIDES Schönherr, 1845: 197 [stem: *Campyloscel-*]. Type genus: *Campyloscelus* Schönherr, 1845.

Subtribe CORYNEMERINA Hustache, 1929

CORYNEMERINAE Hustache, 1929: 531 [stem: *Corynemer-*]. Type genus: *Corynemerus* Fähræus, 1871.

Subtribe PHAENOMERINA Faust, 1898

PHAENOMERINA Faust, 1898: 76, in key [stem: *Phaenomer-*]. Type genus: *Phaenomerus* Schönherr, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1962)]. Comment: the stem of the senior homonym based on the SCARABAEIDAE genus *Phaenomeris* was emended to *Phaeromerid-* to remove the homonymy (ICZN 1962); available for family-group taxon below subfamily level and placed on the Official List of Family-Group Names in Zoology (ICZN 1962).

Tribe CONODERINI Schönherr, 1833

CONODERIDES Schönherr, 1833: 26 [stem: *Conoder-*]. Type genus: *Conoderes* Schönherr, 1833. Comment: the name CONODERINAE Fleutiaux, 1919 (type genus *Conoderus* Eschscholtz, 1829) is available in ELATERIDAE; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

CONOPHORIDES Schönherr, 1837: 719 [stem: *Conophor-*]. Type genus: *Conophorus* Schönherr, 1837 [preoccupied genus name, not *Conophorus* Meigen, 1803 (Diptera); syn. of *Conoderes* Schönherr, 1833]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe CORYSSOMERINI Thomson, 1859

CORYSSOMERINA C. G. Thomson, 1859: 137 [stem: *Coryssomer-*]. Type genus: *Coryssomerus* Schönherr, 1825.

SYNOPHTHALMIDES Lacordaire, 1863: 514 [stem: *Synophthalm-*]. Type genus: *Synophthalmus* Lacordaire, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1932: 373, as SYNOPHTHALMINI), generally accepted as in Hustache (1934: 49, as SYNOPHTHALMINI).

METIALMINI Hustache, 1932: 374, in key [stem: *Metialm-*]. Type genus: *Metialma* Pascoe, 1871.

Tribe CORYSSOPODINI Lacordaire, 1865

CORYSSOPIDES Lacordaire, 1865: 163 [stem: *Coryssopod-*]. Type genus: *Coryssopus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as CORYSSOPINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga

and Lyal (1999: 110, as CORYSSOPODINI); incorrect original stem formation, not in prevailing usage.

*SYMPIEZOPIDES Lacordaire, 1865: 166 [stem: *Sympiezopod*-.]. Type genus: *Sympiezopus* Schönherr, 1837. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g. Faust (1886b: 367, as SYMPIEZOPINORUM [incorrect stem formation]), but not generally attributed to Lacordaire (1865); incorrect original stem formation, not in prevailing usage.

Tribe LECHRIOPINI Lacordaire, 1865

LÉCHRIOPIDES Lacordaire, 1865: 149 [stem: *Lechriop*-.]. Type genus: *Lechriops* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as LECHRIOPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 111, as LECHRIOPINI).

COPTURIDAE Desbrochers des Loges, 1892: 68 [stem: *Coptur*-.]. Type genus: *Copturus* Schönherr, 1825.

Tribe LOBOTRACHELINI Lacordaire, 1865

LOBOTRACHÉLIDES Lacordaire, 1865: 172 [stem: *LOBotrachel*-.]. Type genus: *LOBotrachelus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Aurivillius (1910: 433, as LOBOTRACHELINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 111, as LOBOTRACHELINI).

Tribe MECOPINI Lacordaire, 1865

MÉCOPIDES Lacordaire, 1865: 156 [stem: *Mecop*-.]. Type genus: *Mecopus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as MECOPINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 111, as MECOPINI); current spelling maintained (Art. 29.5): incorrect original stem formation in prevailing usage (should be *Mecopod*-); if the stem is corrected, it would threaten stability of a widely used name in Orthoptera (see Alonso-Zarazaga and Lyal 1999: 111).

Tribe MENEMACHINI Lacordaire, 1865

MÉNÉMACHIDES Lacordaire, 1865: 27 [stem: *Menemach*-.]. Type genus: *Menemachus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as MNEMACHINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 112, as MENEMACHINI).

Tribe OTHIPPIINI Morimoto, 1962

OTHIPPIINI Morimoto, 1962a: 47, in key [stem: *Othippi*-.]. Type genus: *Othippia* Pascoe, 1874.

Tribe PELOROPODINI Hustache, 1932

PELOROPINI Hustache, 1932: 372, in key [stem: *Peloropod*-.] Type genus: *Peloropus* Schönherr, 1836. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PIAZURINI Lacordaire, 1865

PIAZURIDES Lacordaire, 1865: 144 [stem: *Piazur*-.] Type genus: *Piazurus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1899: 100, as PIAZURINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 113, as PIAZURINI).

Tribe SPHADASMINI Lacordaire, 1865

SPHADASMIDES Lacordaire, 1865: 161 [stem: *Sphadasm*-.] Type genus: *Sphadasmus* Schönherr, 1844. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1899: 102, as SPHADASMINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 114, as SPHADASMINI).

Tribe TRICHODOCERINI Champion, 1906

TRICHODOCERIDES Champion, 1906: 713 [stem: *Trichodocer*-.] Type genus: *Trichodocerus* Chevrolat, 1879.

Tribe ZYGOPINI Lacordaire, 1865

ZYGOPIDES Lacordaire, 1865: 142 [stem: *Zygop*-.] Type genus: *Zygops* Schönherr, 1825 [placed on the Official List of Generic Names in Zoology (ICZN 1987e)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as ZYGOPINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 114, as ZYGOPINI).

ECCOPTINAE Pierce, 1919: 30, in key [stem: *Eccopt*-.] Type genus: *Eccoptus* Dejean, 1821 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1987e); syn. of *Zygops* Schönherr, 1825]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

CYLINDROCOPTURINI Böving, 1927b: 156, in key [stem: *Cylindrocoptur*-.] Type genus: *Cylindrocopturus* Heller, 1895.

Subfamily COSSONINAE Schönherr, 1825

COSSONIDES Schönherr, 1825: column 587 [stem: *Cosson*-.] Type genus: *Cossonus* Clairville, 1798.

Tribe ACAMPTINI LeConte, 1876

ACAMPTI J. L. LeConte, 1876: 238 [stem: *Acampt*-.] Type genus: *Acamptus* J. L. LeConte, 1876.

Tribe ACANTHINOMERINI Voss, 1972

ACANTHINOMERINI Voss, 1972: 382 [stem: *Acanthinomer*]. Type genus: *Acanthinomerus* Boheman, 1859.

Tribe ALLOMORPHINI Folwaczny, 1973

ALLOMORPHINI Folwaczny, 1973: 68, in key [stem: *Allomorph*]. Type genus: *Allomorphus* Folwaczny, 1968.

Tribe APHYLLURINI Voss, 1955

APHYLLURINI Voss, 1955a: 276 [stem: *Aphyllur*]. Type genus: *Aphyllura* Reitter, 1884.

Tribe ARAUCARIINI Kuschel, 1966

ARAUCARIINI Kuschel, 1966: 4 [stem: *Araucari*]. Type genus: *Araucarius* Kuschel, 1966.

Tribe CHOERORHININI Folwaczny, 1973

CHOERORHININI Folwaczny, 1973: 69, in key [stem: *Choerorhin*]. Type genus: *Choerorhinus* Fairmaire, 1858. Comment: incorrect original stem formation, not in prevailing usage.

Tribe COSSONINI Schönherr, 1825

COSSONIDES Schönherr, 1825: column 587 [stem: *Cosson*]. Type genus: *Cossonus* Clairville, 1798.

Tribe CRYPTOMMATINI Voss, 1972

CRYPTOMMATINI Voss, 1972: 373 [stem: *Cryptommat*]. Type genus: *Cryptommata* Wollaston, 1877.

Tribe DRYOTRIBINI LeConte, 1876

DRYOTRIBI J. L. LeConte, 1876: 335 [stem: *Dryotrib*]. Type genus: *Dryotribus* G. H. Horn, 1873.

COTASTERINEN Faust, 1886a: 28 [stem: *Cotaster*]. Type genus: *Cotaster* Motschulsky, 1851. Comment: also as COTASTERIDEN on p. 31; original vernacular name available (Art. 11.7.2): first used in latinized form by Sainte-Claire Deville (1923: 63, as COTASTRINI [incorrect stem formation]), generally accepted as in Hansen (1996: 209, as COTASTERINI).

Tribe MICROXYLOBIINI Voss, 1972

MICROXYLOBIINI Voss, 1972: 431 [stem: *Microxylobi*]. Type genus: *Microxylobius* Chevrolat, 1836.

Tribe NESIOBIINI Alonso-Zarazaga and Lyal, 1999

NESIOTINAE Voss, 1972: 338 [stem: *Nesiot-*]. Type genus: *Nesiotes* Wollaston, 1861 [preoccupied genus name, not *Nesiotes* Martens, 1860 [Mollusca]; syn. of *Nesiobius* G. A. K. Marshall, 1943]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

NESIOBIINI Alonso-Zarazaga and Lyal, 1999: 119 [stem: *Nesiobi-*]. Type genus: *Nesiobius* G. A. K. Marshall, 1943. Comment: replacement name for NESIOTINAE Voss, 1872 because of the homonymy of the type genus.

Tribe NEUMATORINI Folwaczny, 1973

NEUMATORINI Folwaczny, 1973: 69, in key [stem: *Neumator-*]. Type genus: *Neumatora* Normand, 1920.

Tribe ONYCHIINI Chapuis, 1869

ONYCHIIDAE Chapuis, 1869: 48 [stem: *Onychi-*]. Type genus: *Onychius* Chapuis, 1869. Comment: see Alonso-Zarazaga and Lyal (2009: 9) for comments on placement.

Tribe ONYCHOLIPINI Wollaston, 1873

ONYCHOLIPIDES Wollaston, 1873: 454 [stem: *Onycholip-*]. Type genus: *Onycholips* Wollaston, 1861.

STENOSCELIDES Wollaston, 1877: 82, in key [stem: *Stenoscelid-*]. Type genus: *Stenoscelis* Wollaston, 1861.

STEREOCORYNINA Voss, 1955b: 232 [stem: *Stereocoryn-*]. Type genus: *Stereocorynes* Wollaston, 1873.

STEREOCORYNINI Roudier, 1958: 212 [stem: *Stereocoryn-*]. Type genus: *Stereocorynes* Wollaston, 1873. Comment: family-group name proposed as new without reference to STEREOCORYNINA Voss, 1955.

Tribe PENTARTHINI Lacordaire, 1865

PENTARTHRIDES Lacordaire, 1865: 323 [stem: *Pentarthr-*]. Type genus: *Pentarthrum* Wollaston, 1854. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 234, as PENTARTHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 120, as PENTARTHINI).

Tribe PROECINI Voss, 1956

PROECINA Voss, 1956a: 139 [stem: *Proec-*]. Type genus: *Proeces* Schönherr, 1837.

PHYLLOPLATYPODINI Kato, 1998: 77 [stem: *Phylloplatypod-*]. Type genus: *Phylloplatypus* Kato, 1998.

Tribe PSEUDAPOTREPINI Champion, 1909

PSEUDAPOTREPIDES Champion, 1909: 21 [stem: *Pseudapotrep-*]. Type genus: *Pseudapotrepus* Champion, 1909.

Tribe RHYNCOLINI Gistel, 1848

RHYNCHALIDAE Gistel, 1848: [6] [stem: *Rhyncol-*]. Type genus: *Rhyncolus* Germar, 1817 [as *Rhyncholus*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Rhyncolus* Germar, 1817 placed on the Official List of Generic Names in Zoology (ICZN 1991b)].

Subtribe PHLOEOPHAGINA Voss, 1955

PHLOEOPHAGINA Voss, 1955b: 228 [stem: *Phloeophag-*]. Type genus: *Phloeophagus* Schönherr, 1837.

Subtribe PSEUDOMIMINA Voss, 1939

PSEUDOMIMINI Voss, 1939: 65 [stem: *Pseudomim-*]. Type genus: *Pseudomimus* Hartmann, 1904.

Subtribe RHYNCOLINA Gistel, 1848

RHYNCHALIDAE Gistel, 1848: [6] [stem: *Rhyncol-*]. Type genus: *Rhyncolus* Germar, 1817 [as *Rhyncholus*, incorrect subsequent spelling of type genus name, not in prevailing usage; *Rhyncolus* Germar, 1817 placed on the Official List of Generic Names in Zoology (ICZN 1991b)]. Comment: incorrect original stem formation, not in prevailing usage.

EREMOTINI Voss, 1939: 65 [stem: *Eremot-*]. Type genus: *Eremotes* Wollaston, 1861.

COTASTEROSOMINI Konishi, 1962: 2 [stem: *Cotasterosomat-*]. Type genus: *Cotasterosoma* Konishi, 1962. Comment: incorrect original stem formation, not in prevailing usage.

HIMATININI Konishi, 1962: 7 [stem: *Himatin-*]. Type genus: *Himatinum* Cockerell, 1906 [syn. of *Himatum* Wollaston, 1873].

Tribe TAPIROMIMINI Voss, 1972

TAPIROMIMINI Voss, 1972: 380 [stem: *Tapiromim-*]. Type genus: *Tapiromimus* Wollaston, 1877.

Subfamily CRYPTORHYNCHINAE Schönherr, 1825

CRYPTORHYNCHIDES Schönherr, 1825: column 585 [stem: *Cryptorhynch-*]. Type genus: *Cryptorhynchus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1967b)]. Comment: CRYPTORHYNCHINAE Schönherr, 1825 placed on the Official List of Family-Group Names in Zoology (ICZN 1967b).

Tribe AEDEMONINI Faust, 1898

AEDEMONINI Faust, 1898: 34 [stem: *Aedemon-*]. Type genus: *Aedemonus* Schönherr, 1837 [as *Acdemonus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

MECISTOCERINI Morimoto, 1978b: 122 [stem: *Mecistocer-*]. Type genus: *Mecistocerus* Fauvel, 1863 [as *Mecistocerus*, unjustified emendation of type genus name by Pascoe (1870b), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Morimoto (1987).

DERBYIELLINA Zimmerman, 1994a: 645, in key [stem: *Derbyiell-*]. Type genus: *Derbyiella* Lea, 1907.

Tribe CAMPTORHININI Lacordaire, 1865

CAMPTORHINIDES Lacordaire, 1865: 86 [stem: *Camptorhin-*]. Type genus: *Camptorhinus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1885: 254, as CAMPTORHININAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 136, as CAMPTORHININI).

Tribe CRYPTORHYNCHINI Schönherr, 1825

CRYPTORHYNCHIDES Schönherr, 1825: column 585 [stem: *Cryptorhynch-*]. Type genus: *Cryptorhynchus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1967b)]. Comment: CRYPTORHYNCHINAE Schönherr, 1825 placed on the Official List of Family-Group Names in Zoology (ICZN 1967b).

Subtribe CRYPTORHYNCHINA Schönherr, 1825

CRYPTORHYNCHIDES Schönherr, 1825: column 585 [stem: *Cryptorhynch-*]. Type genus: *Cryptorhynchus* Illiger, 1807 [placed on the Official List of Generic Names in Zoology (ICZN 1967b)]. Comment: CRYPTORHYNCHINAE Schönherr, 1825 placed on the Official List of Family-Group Names in Zoology (ICZN 1967b).

CRYPTORHYNCHIDIINI Bradley, 1930: 277, in key [stem: *Cryptorhynchidi-*]. Type genus: *Cryptorhynchidius* Pierce, 1919 [syn. of *Cryptorhynchus* Illiger, 1807].

Subtribe MECISTOSTYLINA Lacordaire, 1865

MECISTOSTYLIDES Lacordaire, 1865: 131 [stem: *Mecistostyl-*]. Type genus: *Mecistostylus* Lacordaire, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. A. K. Marshall (1916: 10, as MECISTOSTYLINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 129, as MECISTOSTYLINA).

CYLINDROCOSYINAE Pascoe, 1875: 55 [stem: *Cylindrocoryn-*]. Type genus: *Cylindrocorynus* Schönherr, 1837. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe TYLODINA Lacordaire, 1865

TYLODIDES Lacordaire, 1865: 90 [stem: *Tylod-*]. Type genus: *Tylodes* Sahlberg, 1823. Comment: original vernacular name available (Art. 11.7.2): first

used in latinized form by Pascoe (1885: 255, as TYLODINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 129, as TYLODINA).

Tribe GASTEROCERCINI Zherikhin, 1991

GASTEROCERCINI Zherikhin, 1991: 92 [stem: *Gasterocerc-*]. Type genus: *Gasterocercus* Laporte and Brullé, 1828.

Tribe PSEPHOLACINI Lacordaire, 1865

PSÉPHOLACIDES Lacordaire, 1865: 72 [stem: *Psepholac-*]. Type genus: *Psepholax* Lacordaire, 1865. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1936: 56, as PSEPHOLACINA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 136, as PSEPHOLACINI); First Reviser (PSEPHOLACINI Lacordaire, 1865 vs STRONGYLOPTERINI Lacordaire, 1865 vs SYMPIEZOSCELINI Lacordaire, 1865) not determined, current usage maintained.

STRONGYLOPTÉRIDES Lacordaire, 1865: 73 [stem: *Strongylopter-*]. Type genus: *Strongylopterus* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Hustache (1936: 60, as STRONGYLOPTERIDINA [incorrect stem formation]).

SYMPIÉZOSCÉLIDES Lacordaire, 1865: 138 [stem: *Sympiezoscel-*]. Type genus: *Sympiezoscelus* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1874: 96, as SYMPIEZOSCELIDES [treated as Latin]).

Tribe SOPHRORHININI Lacordaire, 1865

SOPHRORHINIDES Lacordaire, 1865: 81 [stem: *Sophrorhin-*]. Type genus: *Sophrorhinus* Rouzet, 1855. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by C. O. Waterhouse (1879a: 310, as SOPHORORHINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 137, as SOPHORORHININI).

Tribe TORNEUMATINI Bedel, 1884

TORNEUMATINI Bedel, 1884b: 136, in note [stem: *Torneumat-*]. Type genus: *Torneuma* Wollaston, 1860.

Subfamily CYCLOMINAE Schönherr, 1826

CYCLOMIDES Schönherr, 1826: 185 [stem: *Cyclom-*]. Type genus: *Cyclomus* Schönherr, 1826 [syn. of *Epicthonius* Schönherr, 1826]. Comment: the classification of this subfamily follows Oberprieler (2010).

Tribe AMYCTERINI Waterhouse, 1854

AMYCTERIDAE G. R. Waterhouse, 1854: 75, in note [stem: *Amycter-*]. Type genus: *Amycterus* Schönherr, 1823.

EUOMIDES Lacordaire, 1863: 315 [stem: *Euom-*]. Type genus: *Euomus* Schönherr, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by W. J. MacLeay (1866: 319, as EUOMIDAE), generally accepted as in Schenkling and G. A. K. Marshall (1931a: 27, as EUOMINI).

PSALIDURIDAE Pierce, 1914: 350 [stem: *Phalidur-*]. Type genus: *Phalidura* Fischer von Waldheim, 1823 [as *Psalidura*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Amycterus* Schönherr, 1823]. Comment: incorrect original stem formation, not in prevailing usage.

*ACANTHOPHINI Schenkling and G. A. K. Marshall, 1931a: Amyct. 6 [stem: *Acantholoph-*]. Type genus: *Acantholophus* Boisduval, 1835. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe ATERPINI Lacordaire, 1863

ATERPIDES Lacordaire, 1863: 410 [stem: *Aterp-*]. Type genus: *Aterpus* Schönherr, 1826 [syn. of *Aades* Schönherr, 1823]. Comment: precedence (ATERPINI Lacordaire, 1863 vs RHADINOSOMINI Lacordaire, 1863) given to taxon originally proposed at the higher rank (Art. 24.1).

Subtribe ATERPINA Lacordaire, 1863 *nomen protectum*

HELIOMENEIDAE Gistel, 1848: [8] [stem: *Heliomen-*]. Type genus: *Heliomene* Gistel, 1848 [syn. of *Chrysolopus* Germar, 1817]. Comment: as pointed out by Alonso-Zarazaga and Lyal (2002: 22) this is the oldest available name for the subtribe name; HELIOMENEINI Gistel, 1848 was recently considered a *nomen oblitum* by Colonnelli (2003: 7) however the necessary supporting references were not provided; we hereby consider HELIOMENEINI Gistel, 1848 as a *nomen oblitum* (see supporting references in Appendix 1); incorrect original stem formation, not in prevailing usage.

ATERPIDES Lacordaire, 1863: 410 [stem: *Aterp-*]. Type genus: *Aterpus* Schönherr, 1826 [syn. of *Aades* Schönherr, 1823]. Comment: *nomen protectum* (see Appendix 1); original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as ATERPINA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 140, as ATERPINI).

*PELORORHINIDES Lacordaire, 1863: 415 [stem: *Pelororhin-*]. Type genus: *Pelororhinus* Schönherr, 1834. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 228, as PELORORHININI), Morrone (1997: 101, as PELORHIRHINI [incorrect stem formation]), but not generally accepted as valid; PELORHINIDAE [incorrect stem formation] was used as valid by Ienistea (1986: 33) but it was not attributed to Lacordaire (1863); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

LOPHOTIDES Jekel, 1865: 546 [stem: *Lophot-*]. Type genus: *Lophotus* Schönherr, 1834 [preoccupied genus name, not *Lophotus* Giorna, 1809 [Pisces]; syn. of *Aegorhinus* Erichson, 1834]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

RHINARIDES Jekel, 1865: 546 [stem: *Rhinari-*]. Type genus: *Rhinaria* Kirby, 1819. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe RHADINOSOMINA Lacordaire, 1863

RHADINOSOMIDES Lacordaire, 1863: 63 [stem: *Rhadinosom-*]. Type genus: *Rhadinosomus* Schönherr, 1840. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1875: 55, as RHADINOSOMINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as RHADINOSOMINA).

RHADINOSOMINI Pierce, 1913: 405, in key [stem: *Rhadinosom-*]. Type genus: *Rhadinosomus* Schönherr, 1840. Comment: family-group name proposed as new without reference to RHADINOSOMIDES Lacordaire, 1863.

Tribe CYCLOMINI Schönherr, 1826

CYCLOMIDES Schönherr, 1826: 185 [stem: *Cyclom-*]. Type genus: *Cyclomus* Schönherr, 1826 [syn. of *Epicthonius* Schönherr, 1826].

SOMATODIDES Lacordaire, 1863: 319 [stem: *Somatod-*]. Type genus: *Somatodes* Schönherr, 1840 [placed on the Official List of Generic Names in Zoology (ICZN 1994c)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as SOMATODINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 144, as SOMATODINI); SOMATODINAE Lacordaire, 1863 placed on the Official List of Family-Group Names in Zoology (ICZN 1994c).

Tribe DICHOTRACHELINI Hoffmann, 1957

DICHOTRACHELINI Hoffmann, 1957a: 60, in note [stem: *Dichotrachel-*]. Type genus: *Dichotrachelus* Stierlin, 1853.

Tribe HIPPORHININI Lacordaire, 1863

HIPPORHINIDES Lacordaire, 1863: 323 [stem: *Hipporhin-*]. Type genus: *Hipporhinus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1870b: 436, as HIPPORHININAE).

GRONOPINI Bedel, 1884a: 68, in key [stem: *Gronop-*]. Type genus: *Gronops* Schönherr, 1823.

GRONOPINA Louw and Oberprieler, 1998: 24 [stem: *Gronop-*]. Type genus: *Gronops* Schönherr, 1823. Comment: family-group name proposed as new without reference to GRONOPINI Bedel, 1884.

Tribe LISTRODERINI LeConte, 1876

LISTRODERI J. L. LeConte, 1876: 124 [stem: *Listroder-*]. Type genus: *Listroderes* Schönherr, 1826.

PALAECHTINI C. Brinck, 1948: 43 [stem: *Palaechth-*]. Type genus: *Palaechthus* C. O. Waterhouse, 1884 [as *Palaechtus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe NOTIOMIMETINI Wollaston, 1873

NOTIOMIMETIDES Wollaston, 1873: 440 [stem: *Notiomimet-*]. Type genus: *Notiomimetes* Wollaston, 1873.

APHELI Csiki, 1936: 109 [stem: *Aphel-*]. Type genus: *Aphela* Pascoe, 1865. Comment: description by indication (distinguishing characters given in Wollaston (1873: 440)).

Tribe RHYTHIRININI Lacordaire, 1863

RHYTHIRINIDES Lacordaire, 1863: 296 [stem: *Rhythirrin-*]. Type genus: *Rhythirrinus* Schönherr, 1823 [as *Rhytirhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 112, as RHYTHIRININI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 141, as RHYTHIRININI); incorrect original stem formation, not in prevailing usage; First Reviser found (RHYTHIRININI Lacordaire, 1863 vs RHYPAROSOMINI Lacordaire, 1863 vs EUPAGINI Lacordaire, 1863) is Kuschel (1971: 251).

RHYPAROSOMIDES Lacordaire, 1863: 327 [stem: *Rhyparosom-*]. Type genus: *Rhyparosomus* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Stein (1868: 100, as RHYPAROSOMINI), generally accepted as in Heyne and Taschenberg (1907: 228, as RHYPAROSOMINI).

EUPAGIDES Lacordaire, 1863: 328 [stem: *Eupag-*]. Type genus: *Eupages* Schönherr, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Péringuey (1888: 168, as EUPAGIDAE), generally accepted as in Schenckling and G. A. K. Marshall (1929: 47, as EUPAGINI).

RHYTIDORHINIDES Wollaston, 1865: 307 [stem: *Rhytidorhin-*]. Type genus: *Rhytidorhinus* Wollaston, 1864 [preoccupied genus name, not *Rhytidorhinus* Agassiz, 1846 [Coleoptera: CURCULIONIDAE: CYCLOMINAE]; syn. of *Rhythirrinus* Schönherr, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Subfamily ENTIMINAE Schönherr, 1823

ENTIMIDES Schönherr, 1823: column 1138 [stem: *Entim-*]. Type genus: *Entimus* Germar, 1817. Comment: First Revisers found (ENTIMINAE Schönherr, 1823 vs

LORDOPINAE Schönherr, 1823 vs POLYDRUSINAE Schönherr, 1823) are Alonso-Zarazaga and Lyal (1999: 144).

Tribe AGRAPHINI Horn, 1876

AGRAPHI G. H. Horn, 1876: 58 [stem: *Agraph-*]. Type genus: *Agraphus* Say, 1831.

Tribe ALOPHINI LeConte, 1874

ALOPHINI J. L. LeConte, 1874b: 461 [stem: *Aloph-*]. Type genus: *Alophus* Schönherr, 1826 [syn. of *Graptus* Schönherr, 1823].

Tribe ANOMOPHTHALMINI Morrone, 1998

ANOMOPHTHALMINA Morrone, 1998: 86 [stem: *Anomophthalm-*]. Type genus: *Anomophthalmus* Fairmaire, 1884.

Tribe ANYPOTACTINI Champion, 1911

ANYPOTACTINA Champion, 1911: 215 [stem: *Anypotact-*]. Type genus: *Anypotactus* Schönherr, 1840.

Tribe BLOSRYINI Lacordaire, 1863

BLOSRYIDES Lacordaire, 1863: 27 [stem: *Blosyr-*]. Type genus: *Blosyrus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Péringuey (1888: 144, as BLOSRYIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 146, as BLOSRYINI).

Tribe BRACHYDERINI Schönherr, 1826

BRACHYDERIDES Schönherr, 1826: 94 [stem: *Brachyder-*]. Type genus: *Brachyderes* Schönherr, 1823 [placed on the Official List of Generic Names in Zoology (ICZN 1987a)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1987a, as BRACHYDERINAE Schönherr, 1837).

THYLACITIDAE Kirby, 1837: 202 [stem: *Thylacit-*]. Type genus: *Thylacites* Germar, 1817 [placed on the Official Index of Invalid and Rejected Generic Names in Zoology (ICZN 1987a)]. Comment: placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1987a).

STROPHOSOMIDAE Gistel, 1848: [8] [stem: *Strophosom-*]. Type genus: *Strophosomum* Gistel, 1856 [syn. of *Strophosoma* Billberg, 1820].

Tribe CELEUTHETINI Lacordaire, 1863

CÉLEUTHÉTIDES Lacordaire, 1863: 145 [stem: *Celeuthet-*]. Type genus: *Celeuthetes* Schönherr, 1842.

Subtribe CELEUTHETINA Lacordaire, 1863

CÉLEUTHÉTIDES Lacordaire, 1863: 145 [stem: *Celeuthet-*]. Type genus: *Celeuthetes* Schönherr, 1842. Comment: original vernacular name available

(Art. 11.7.2): first used in latinized form by Faust (1891: 166, as *CELEUTHETINAE*), generally accepted as in Alonso-Zarazaga and Lyal (1999: 147, as *CELEUTHETINI*).

COPTORRHYNCHINA Voss, 1940: 279 [stem: *Coptorrhynch-*]. Type genus: *Coptorrhynchus* sensu Faust, 1897 [not *Coptorrhynchus* Guérin-Ménéville, 1841; syn. of *Resites* Alonso-Zarazaga and Lyal, 1999]. Comment: incorrect original stem formation, not in prevailing usage; based on a misidentified type genus.

Subtribe ISOPTERINA Morimoto and Kojima, 2001

ISOPTERINA Morimoto and Kojima, 2001: 274 [stem: *Isopter-*]. Type genus: *Isopterus* Faust, 1895.

Tribe CNEORHININI Lacordaire, 1863

CNÉORHINIDES Lacordaire, 1863: 31 [stem: *Cneorhin-*]. Type genus: *Cneorhinus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Seidlitz (1875 [Gatt.]: 111, as *CNEORHININI*), generally accepted as in Alonso-Zarazaga and Lyal (1999: 148, as *CNEORHININI*).

PHILOPEDINI Bedel, 1883: 32, in key [stem: *Philoped-*]. Type genus: *Philopodon* Schönherr, 1826.

DERMATODINI Emden, 1936: 76, in key [stem: *Dermatod-*]. Type genus: *Dermatodes* Schönherr, 1840.

STIGMATRACHELINI Richard, 1983: 8 [stem: *Stigmatrachel-*]. Type genus: *Stigmatrachelus* Schönherr, 1840.

Tribe CRATOPODINI Hustache, 1919

CRATOPINI Hustache, 1919: 473 [stem: *Cratopod-*]. Type genus: *Cratopus* Schönherr, 1823. Comment: incorrect original stem formation, not in prevailing usage.

Tribe CYLINDRORHININI Lacordaire, 1863

CYLINDRORHINIDES Lacordaire, 1863: 339 [stem: *Cylindrorhin-*]. Type genus: *Cylindrorhinus* Guérin-Ménéville, 1838 [as *Cylindrorhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as *CYLINDRORHININAE* [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 150, as *CYLINDRORHININI*); incorrect original stem formation, not in prevailing usage.

Tribe CYPHICERINI Lacordaire, 1863

CYPHICÉRIDES Lacordaire, 1863: 220 [stem: *Cyphicer-*]. Type genus: *Cyphicerus* Schönherr, 1823. Comment: First Reviser (*CYPHICERINI* Lacordaire, 1863 vs *PHYTOSCAPHINI* Lacordaire, 1863) not determined, current usage maintained.

Subtribe ACANTHOTRACHELINA Marshall, 1944

ACANTHOTRACHELINI G. A. K. Marshall, 1944: 76, in key [stem: *Acanthotrachel-*]. Type genus: *Acanthotrachelus* Schönherr, 1842.

Subtribe CYPHICERINA Lacordaire, 1863

CYPHICÉRIDES Lacordaire, 1863: 220 [stem: *Cyphicer-*]. Type genus: *Cyphicerus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1888: 284, as CYPHICERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 151, as CYPHICERINI).

CORIGETINI Faust, 1885: 167, in key [stem: *Coriget-*]. Type genus: *Corigetus* Desbrochers des Loges, 1872.

Subtribe MYLACORRHININA Reitter, 1913

MYLACORRHYNCHINA Reitter, 1913b: 12, in key [stem: *Mylacorrhin-*]. Type genus: *Mylacorrhina* Reitter, 1913 [syn. of *Altonomus* Desbrochers des Loges, 1907]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe MYLLOCERINA Pierce, 1913

MYLLOCERINI Pierce, 1913: 421, in key [stem: *Myllocer-*]. Type genus: *Myllocerus* Schönherr, 1826.

PTOCHINI Reitter, 1913b: 8, in key [stem: *Proch-*]. Type genus: *Prochus* Schönherr, 1826 [placed on the Official List of Generic Names in Zoology (ICZN 1990d)].

Subtribe PHYTOSCAPHINA Lacordaire, 1863

PHYTOSCAPHIDES Lacordaire, 1863: 229 [stem: *Phytoscaph-*]. Type genus: *Phytoscaphus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1869: 382, as PHYTOSCAPI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 154, as PHYTOSCAPHINA).

*OXYOPHTHALMINA Voss, 1933a: 30 [stem: *Oxyophthalm-*]. Type genus: *Oxyophthalmus* Hochhuth, 1847. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

Tribe ECTEMNORHININI Lacordaire, 1863

ECTEMNORHINIDES Lacordaire, 1863: 562 [stem: *Ectemnorhin-*]. Type genus: *Ectemnorhinus* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as ECTEMNORHINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 155, as ECTEMNORHININI).

CANONOPSINI Dreux and Voisin, 1989: 112 [stem: *Canonopse*-.]. Type genus: *Canonopsis* C. O. Waterhouse, 1875. Comment: incorrect original stem formation, not in prevailing usage.

Tribe ELYTRURINI Marshall, 1956

ELYTRURINI G. A. K. Marshall, 1956: 5 [stem: *Elytrur*-.]. Type genus: *Elytrurus* Boisduval, 1835.

Tribe EMBRITHINI Marshall, 1942

EMBRITHINI G. A. K. Marshall, 1942: 3 [stem: *Embrith*-.]. Type genus: *Embrithes* Schönherr, 1842.

Tribe ENTIMINI Schönherr, 1823

ENTIMIDES Schönherr, 1823: column 1138 [stem: *Entim*-.]. Type genus: *Entimus* Germar, 1817.

Tribe EPISOMINI Lacordaire, 1863

EPISOMIDES Lacordaire, 1863: 175 [stem: *Episom*-.]. Type genus: *Episomus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1894: 185, as EPISOMINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 156, as EPISOMINI).

EPISOMINI Pierce, 1913: 421, in key [stem: *Episom*-.]. Type genus: *Episomus* Schönherr, 1823. Comment: family-group name proposed as new without reference to EPISOMIDES Lacordaire, 1863.

Tribe EUDIAGOGINI LeConte, 1874

PROMÉCOPIDES Lacordaire, 1863: 384 [stem: *Promecop*-.]. Type genus: *Promecops* Schönherr, 1823 [preoccupied genus name, not *Promecops* Sahlberg, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE: EUDIAGOGINI]; syn. of *Promecops* Sahlberg, 1823]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1870b: 436, as PROMECOPINAE); permanently invalid (Art. 39): based on preoccupied type genus.

EUDIAGOGINI J. L. LeConte, 1874b: 454 [stem: *Eudiagog*-.]. Type genus: *Eudiagogus* Schönherr, 1840. Comment: First Reviser (EUDIAGOGINI J. L. LeConte, 1874 vs BATHYRINI J. L. LeConte, 1874) not determined, current usage maintained.

BATHYRINI J. L. LeConte, 1874b: 461 [stem: *Bathyrin*-.]. Type genus: *Bathyrus* J. L. LeConte, 1874 [syn. of *Colecerus* Schönherr, 1840]. Comment: incorrect original stem formation, not in prevailing usage.

COLEOCERINI Jekel, 1875: 144 [stem: *Colecer*-.]. Type genus: *Colecerus* Schönherr, 1840 [as *Coleocerus*, incorrect subsequent spelling of type genus name, not in

prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe EUPHOLINI Günther, 1943

*EUPHOLINI Schenckling and G. A. K. Marshall, 1931b: Lept. 62 [stem: *Euphol*-. Type genus: *Eupholus* Guérin-Ménéville, 1838 [preoccupied genus name, not *Eupholus* Boisduval, 1835 [Coleoptera: CURCULIONIDAE: ENTIMINAE]; syn. of *Eupholus* Boisduval, 1835]. Comment: unavailable family-group name, proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1).

EUPHOLINI Günther, 1943: 19 [stem: *Euphol*-. Type genus: *Eupholus* Guérin-Ménéville, 1838 [preoccupied genus name, not *Eupholus* Boisduval, 1835 [Coleoptera: CURCULIONIDAE: ENTIMINAE]; syn. of *Eupholus* Boisduval, 1835]. Comment: although this name should be treated as permanently invalid because it is based on a preoccupied type genus (Art. 39), an application will be submitted to the Commission by MAAZ and CHCL to conserve EUPHOLINI Günther, 1943 and designate *Eupholus* Boisduval, 1835 as its type genus.

EUPHOLINI Alonso-Zarazaga and Lyal, 1999: 157 [stem: *Euphol*-. Type genus: *Eupholus* Boisduval, 1835. Comment: proposed as a new taxon; junior homonym of EUPHOLINI Günther, 1943.

Tribe EUSTYLINI Lacordaire, 1863

EUSTYLIDES Lacordaire, 1863: 205 [stem: *Eustyl*-. Type genus: *Eustylus* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Faust (1886b: 338, as EUSTYLINORUM), generally accepted as in Alonso-Zarazaga and Lyal (1999: 157, as EUSTYLINI).

EXOPHTHALMINI G. H. Horn, 1876: 100 [stem: *Exophthalm*-. Type genus: *Exophthalmus* Schönherr, 1823.

EUSTYLINI Pierce, 1913: 421, in key [stem: *Eustyl*-. Type genus: *Eustylus* Schönherr, 1842. Comment: family-group name proposed as new without reference to EUSTYLIDES Lacordaire, 1863.

COMPISI Pierce, 1913: 406, in key [stem: *Comps*-. Type genus: *Compsus* Schönherr, 1823. Comment: the younger name COMPSINA Martins and Galileo, 2007 (type genus *Compsa* Perty, 1832) in CERAMBYCIDAE is available; this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).

EXOPHTHALMODINA Voss, 1954: 199, in key [stem: *Exophthalmod*-. Type genus: *Exophthalmodes* Pierce, 1916 [syn. of *Exophthalmus* Schönherr, 1823].

Tribe GEONEMINI Gistel, 1848

GEONEMIDAE Gistel, 1848: [8] [stem: *Geonem*-. Type genus: *Geonemus* Schönherr, 1833 [placed on the Official List of Generic Names in Zoology (ICZN 1988d)].

- BARYNOTIDES Lacordaire, 1863: 37 [stem: *Barynot-*]. Type genus: *Barynotus* Germar, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1876: 22, as BARYNOTI), generally accepted as in Dalla Torre et al. (1936: 32, as BARYNOTINI).
- TRIGONOSCUTAE J. L. LeConte, 1874b: 456 [stem: *Trigonoscut-*]. Type genus: *Trigonoscuta* Motschulsky, 1853.
- EPICAERI G. H. Horn, 1876: 18 [stem: *Epicaer-*]. Type genus: *Epicaerus* Schönherr, 1834.
- CALYPTILLI G. H. Horn, 1876: 26 [stem: *Calyptill-*]. Type genus: *Calyptillus* G. H. Horn, 1876.
- OMILEI G. H. Horn, 1876: 101 [stem: *Omile-*]. Type genus: *Omileus* G. H. Horn, 1876.
- TRIGONOScutINI Pierce, 1913: 405, in key [stem: *Trigonoscut-*]. Type genus: *Trigonoscuta* Motschulsky, 1853. Comment: family-group name proposed as new without reference to TRIGONOSCUTAE J. L. LeConte, 1874.
- MENOETIINI Pierce, 1913: 373, in key [stem: *Menoeti-*]. Type genus: *Menoetius* Dejean, 1821 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1987f)]. Comment: permanently invalid (Art. 39): based on suppressed type genus.
- CALYPTILLINI Pierce, 1913: 405, in key [stem: *Calyptill-*]. Type genus: *Calyptillus* G. H. Horn, 1876. Comment: family-group name proposed as new without reference to CALYPTILLI G. H. Horn, 1876.

Tribe HOLCORHININI Desbrochers des Loges, 1898

- HOLCORHINIDAE Desbrochers des Loges, 1898: 5 [stem: *Holcorhin-*]. Type genus: *Holcorhinus* Schönherr, 1826.
- CYCLOPTERINI Reitter, 1913b: 9, in key [stem: *Cyclopter-*]. Type genus: *Cyclopterus* Marseul, 1871 [preoccupied genus name, not *Cyclopterus* Linnaeus, 1758 [Pisces]; syn. of *Nucterocephalus* Desbrochers des Loges, 1897]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; CYCLOPTERIDAE Bonaparte, 1831 (type genus *Cyclopterus* Linnaeus, 1758) is available in Pisces.

Tribe HORMORINI Horn, 1876

- HORMORI G. H. Horn, 1876: 23 [stem: *Hormor-*]. Type genus: *Hormorus* G. H. Horn, 1876.

Tribe LAPAROCERINI Lacordaire, 1863

- LAPAROCÉRIDES Lacordaire, 1863: 196 [stem: *Laparocer-*]. Type genus: *Laparocerus* Schönherr, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 226, as LAPAROCERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 160, as LAPAROCERINI).

LAPAROCERINI Pierce, 1913: 421, in key [stem: *Laparocer-*]. Type genus: *Laparocerus* Schönherr, 1834. Comment: family-group name proposed as new without reference to LAPAROCÉRIDES Lacordaire, 1863.

Tribe LEPTOSTETHINI Lacordaire, 1863

LEPTOSTÉTHIDES Lacordaire, 1863: 258 [stem: *Leptosteth-*]. Type genus: *Leptostethus* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 226, as LEPTOSTETHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 161, as LEPTOSTETHINI).

Tribe LORDOPINI Schönherr, 1823

LORDOPIDES Schönherr, 1823: column 1142 [stem: *Lordop-*]. Type genus: *Lordops* Schönherr, 1823.

HYPSONOTIDAE Jekel, 1853: I.II.3 [stem: *Hypsonot-*]. Type genus: *Hypsonotus* Germar, 1824.

ALOCORHINI Jekel, 1856: 9bis, in key [stem: *Alocorhin-*]. Type genus: *Alocorhinus* Sahlberg, 1823.

ELYTROXYSI Jekel, 1856: 9bis, in key [stem: *Elytroxe-*]. Type genus: *Elytroxys* Jekel, 1856. Comment: incorrect original stem formation, not in prevailing usage.

EURYLOBI Jekel, 1856: 9bis, in key [stem: *Eurylob-*]. Type genus: *Eurylobus* Schönherr, 1826.

MERODONTI Jekel, 1856: 9bis, in key [stem: *Merodont-*]. Type genus: *Merodontus* Jekel, 1856.

TOMORHINI Jekel, 1856: 9bis, in key [stem: *Tomorhin-*]. Type genus: *Tomorhinus* Jekel, 1856.

Tribe MESOSTYLINI Reitter, 1913

MESOSTYLINI Reitter, 1913b: 8, in key [stem: *Mesostyl-*]. Type genus: *Mesostylus* Faust, 1894.

Tribe MYORHININI Marseul, 1863

MYORHINIDAE Marseul, 1863: 223 [stem: *Myorhin-*]. Type genus: *Myorhinus* Schönherr, 1826 [syn. of *Apsis* Germar, 1820]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kiesenwetter (1864: 265, as MYORHINIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 162, as MYORHININI).

Tribe NASTINI Reitter, 1913

NASTINI Reitter, 1913b: 9, in key [stem: *Nast-*]. Type genus: *Nastus* Schönherr, 1842.

Tribe NAUPACTINI Gistel, 1848 *nomen protectum*

- IPHIDES Schönherr, 1823: column 1139 [stem: *Iphi-*]. Type genus: *Iphius* Schönherr, 1823 [syn. of *Alceis* Billberg, 1820]. Comment: *nomen oblitum* (see Appendix 1).
- NAUPACTIDAE Gistel, 1848: [8] [stem: *Naupact-*]. Type genus: *Naupactus* Dejean, 1821. Comment: *nomen protectum* (see Appendix 1).
- CYPHIDES Lacordaire, 1863: 107 [stem: *Cyph-*]. Type genus: *Cyphus* Germar, 1824 [syn. of *Cyrtomon* Schönherr, 1823]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 458, as CYPHI), generally accepted as in J. L. LeConte and G. H. Horn (1883: 453, as CYPHI).
- MACROSTYLES J. L. LeConte, 1874b: 457 [stem: *Macrostyl-*]. Type genus: *Macrostylus* Boheman, 1840.
- SYMMATHETES J. L. LeConte, 1874b: 458 [stem: *Symmathet-*]. Type genus: *Symmathetes* Schönherr, 1847 [syn. of *Pantomorus* Schönherr, 1840].
- ARTIPI G. H. Horn, 1876: 91 [stem: *Artipod-*]. Type genus: *Artipus* Schönherr, 1823 [preoccupied genus name, not *Artipus* Sahlberg, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE: NAUPACTINI]; syn. of *Artipus* Sahlberg, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- PLATYOMINA Champion, 1911: 282 [stem: *Platyom-*]. Type genus: *Platyomus* Schönherr, 1823 [preoccupied genus name, not *Platyomus* Sahlberg, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE: NAUPACTINI]; syn. of *Platyomus* Sahlberg, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.
- ALCEIDINI Pierce, 1913: 404, in key [stem: *Alceent-*]. Type genus: *Alceis* Billberg, 1820. Comment: incorrect original stem formation, not in prevailing usage.
- GLAPHYROMETOPI Pierce, 1913: 406, in key [stem: *Glaphyrometop-*]. Type genus: *Glaphyrometopus* Pierce, 1913.
- PSEUDOCYPHI Pierce, 1913: 406, in key [stem: *Pseudocyph-*]. Type genus: *Pseudocyphus* Schaeffer, 1905 [syn. of *Platyomus* Sahlberg, 1823].
- NEOCYPHINI Hustache, 1919: 476 [stem: *Neocyph-*]. Type genus: *Neocyphus* Bedel, 1883 [syn. of *Cyrtomon* Schönherr, 1823].
- PLATYOMINA Voss, 1954: 199, in key [stem: *Platyom-*]. Type genus: *Platyomus* Sahlberg, 1823. Comment: family-group name proposed as new without reference to PLATYOMINA Champion, 1911.
- CANEPHOROTOMINA Voss, 1954: 206, in key [stem: *Canephorotom-*]. Type genus: *Canephorotomus* Voss, 1954 [syn. of *Amitrus* Schönherr, 1840].
- PANTOMORINA Voss, 1954: 207, in key [stem: *Pantomor-*]. Type genus: *Pantomorus* Schönherr, 1840.
- PLECTROPHORINA Voss, 1954: 207, in key [stem: *Plectrophor-*]. Type genus: *Plectrophorus* Schönherr, 1826 [preoccupied genus name, not *Plectrophorus* Férussac, 1819 [Mollusca]; syn. of *Plectrophoroides* Wibmer and O'Brien, 1986]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe NOTHOGNATHINI Marshall, 1916

NOTHOGNATHIDES G. A. K. Marshall, 1916: 204, in key [stem: *Nothognath-*].
Type genus: *Nothognathus* G. A. K. Marshall, 1916.

Tribe OMIINI Shuckard, 1839

OMIADAE Shuckard, 1839b: 60 [stem: *Omi-*]. Type genus: *Omi*s Germar, 1817.
Comment: senior homonym of OMIINI Beck, 1996 in Lepidoptera (type genus *Omi*a Hübner, 1821); this case is to be referred to the Commission to remove the homonymy (Art. 55.3.1).
MYLACINI Reitter, 1913b: 9, in key [stem: *Mylac-*]. Type genus: *Mylacus* Boheman, 1843 [syn. of *Omi*s Germar, 1817].

Tribe OOSOMINI Lacordaire, 1863

*OOSOMIDES Schönherr, 1823: column 1145 [stem: *Oosom-*]. Type genus: *Oosomus* Schönherr, 1826. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name at the time.
OOSOMIDES Lacordaire, 1863: 164 [stem: *Oosom-*]. Type genus: *Oosomus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kolbe (1891: 26, as OOSOMINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 166, as OOSOMINI).
OOSOMINI Pierce, 1913: 421, in key [stem: *Oosom-*]. Type genus: *Oosomus* Schönherr, 1826. Comment: family-group name proposed as new without reference to OOSOMIDES Lacordaire, 1863.

Tribe OPHRYASTINI Lacordaire, 1863

OPHRYASTIDES Lacordaire, 1863: 256 [stem: *Ophryast-*]. Type genus: *Ophryastes* Germar, 1829. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 454, as OPHRYASTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 167, as OPHRYASTINI).

Tribe OPHTALMORRHYNCHINI Hoffmann, 1965

OPHTALMORYNCHINI Hoffmann, 1965: 1411 [stem: *Ophthalmorrhynch-*]. Type genus: *Ophthalmorrhynchus* Hoffmann, 1965. Comment: incorrect original stem formation, not in prevailing usage.

Tribe OTIORHYNCHINI Schönherr, 1826

LOBORHYNCHIDES Schönherr, 1823: column 1144 [stem: *Loborhynch-*]. Type genus: *Loborhynchus* Schönherr, 1823 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1972); see Lyal and Alonso-Zarazaga (2010) and Appendix 6; syn. of *Otorhynchus* Germar, 1822]. Comment: LOBORHYNCHINAE Schönherr, 1823 placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1972).

OTIORHYNCHIDES Schönherr, 1826: 203 [stem: *Otiorhynch-*]. Type genus: *Otiorhynchus* Germar, 1822 [placed on the Official List of Generic Names in Zoology (ICZN 1972, as *Otiorhynchus* Germar, 1824); see Lyal and Alonso-Zarazaga (2010) and Appendix 6]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1972, as OTIORHYNCHINAE Schönherr, 1826).

BACHYRRHINIDAE Bedel, 1883: 30 [stem: *Brachyrhin-*]. Type genus: *Brachyrhinus* Latreille, 1802 [as *Brachyrhinus*, incorrect original spelling of type genus name, not in prevailing usage; *Brachyrhinus* Latreille, 1802 placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1972); syn. of *Cryphiphorus* Stierlin, 1883]. Comment: name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (ICZN 1972).

Tribe OTTISTIRINI Heller, 1925

OTTISTIRINI Heller, 1925a: 56, in key [stem: *Ottistir-*]. Type genus: *Ottistira* Pascoe, 1872.

Tribe PACHYRHYNCHINI Schönherr, 1826

SOMATODIDES Schönherr, 1823: column 1139 [stem: *Somatod-*]. Type genus: *Somatodes* Schönherr, 1823 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology (ICZN 1994c); syn. of *Pachyrhynchus* Germar, 1824]. Comment: name placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology as SOMATODINI Schönherr, 1823 (ICZN 1994c).

PACHYRHYNCHIDES Schönherr, 1826: 88 [stem: *Pachyrhynch-*]. Type genus: *Pachyrhynchus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1970b)]. Comment: name placed on the Official List of Family-Group Names in Zoology as PACHYRHYNCHINI Schönherr, 1826 (ICZN 1970b).

Tribe PERITELINI Lacordaire, 1863

PÉRITÉLIDES Lacordaire, 1863: 178 [stem: *Peritel-*]. Type genus: *Peritelus* Germar, 1824. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1874b: 455, as PERITELI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 171, as PERITELINI).

SIMOINI Pierce, 1913: 421, in key [stem: *Simon-*]. Type genus: *Simo* Dejean, 1821. Comment: incorrect original stem formation, not in prevailing usage.

PARAPTOCHI Pierce, 1913: 423, in key [stem: *Paraptoch-*]. Type genus: *Paraptochus* Seidlitz, 1868.

HOMORYTHMINI Hoffmann, 1950: 154 [stem: *Homorhythm-*]. Type genus: *Homorhythmus* Bedel, 1883 [as *Homorythmus*, incorrect subsequent spelling of type genus name, not in prevailing usage; syn. of *Simo* Dejean, 1821]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PHYLLOBIINI Schönherr, 1826

PHYLLOBIDES Schönherr, 1826: 178 [stem: *Phyllobi-*]. Type genus: *Phyllobius* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1981c)]. Comment: PHYLLOBIINI Schönherr, 1826 placed on the Official List of Family-Group Names in Zoology (ICZN 1981c); incorrect original stem formation, not in prevailing usage.

EVOTINI J. L. LeConte, 1874b: 454 [stem: *Evot-*]. Type genus: *Evotus* J. L. LeConte, 1874.

APHRASTI J. L. LeConte, 1874b: 458 [stem: *Aphrast-*]. Type genus: *Aphrastus* Say, 1831.

METACINOPINAE Reitter, 1913b: 6, in key [stem: *Metacinop-*]. Type genus: *Metacinops* Kraatz, 1862.

Tribe POLYCATINI Marshall, 1956

POLYCATINI G. A. K. Marshall, 1956: 4 [stem: *Polycat-*]. Type genus: *Polycatus* Heller, 1913.

Tribe POLYDRUSINI Schönherr, 1823

POLYDROSIDES Schönherr, 1823: column 1144 [stem: *Polydrus-*]. Type genus: *Polydrusus* Germar, 1817 [as *Polydrosus*, unjustified emendation of type genus name by Schönherr (1823), not in prevailing usage; syn. of *Polydrusus* Germar, 1817; *Polydrusus* Germar, 1817 placed on the Official List of Generic Names in Zoology (ICZN 1981c)]. Comment: placed on the Official List of Family-Group Names in Zoology (ICZN 1981c, as POLYDROSINI Schönherr, 1823), however, since this family-group name was based on an unjustified emendation of the type genus name, it was corrected (see Art. 32.5.3.2) to POLYDRUSINI by Alonso-Zarazaga and Lyal (1999: 174).

PHYLLOMANISIDAE Gistel, 1848: [8] [stem: *Phylloman-*]. Type genus: *Phyllomanes* Gistel, 1848 [preoccupied genus name, not *Phyllomanes* Cabanis, 1847 [Aves]; syn. of *Polydrusus* Germar, 1817]. Comment: permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

LIOPHLOEIDAE Gistel, 1848: [8] [stem: *Liophloe-*]. Type genus: *Liophloeus* Germar, 1817.

OLIGOCYIDAE Gistel, 1856a: 373 [stem: *Oligoce-*]. Type genus: *Oligocys* Gistel, 1856 [syn. of *Liophloeus* Germar, 1817]. Comment: incorrect original stem formation, not in prevailing usage.

SCYTHROPIDES Lacordaire, 1863: 380 [stem: *Scythrop-*]. Type genus: *Scythropus* Schönherr, 1826 [syn. of *Pachyrhinus* Schönherr, 1823]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Marseul (1863: 224, as SCYTROPIDAE [incorrect stem formation]), generally accepted as in Hustache (1919: 509, as SCYTHROPINI).

AUCHMERESTHINAE Reitter, 1913b: 6, in key [stem: *Auchmeresthet*]. Type genus: *Auchmeresthes* Kraatz, 1862. Comment: incorrect original stem formation, not in prevailing usage.

Tribe PREMNOTRYPINI Kuschel, 1956

PREMNOTRYPINI Kuschel, 1956: 187 [stem: *Premnotryp*]. Type genus: *Premnotrypes* Pierce, 1914.

†Tribe PRISTORHYNCHINI Heer, 1847

PRISTORHYNCHIDEN Heer, 1847: 190 [stem: *Pristorhynch*]. Type genus: *Pristorhynchus* Heer, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Scudder (1893: 29, as PRISTORHYNCHINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 176, as PRISTORHYNCHINI).

Tribe PRYPNINI Lacordaire, 1863

PRYPNIDES Lacordaire, 1863: 135 [stem: *Prypn*]. Type genus: *Prypnus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 225, as PRYPNINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 176, as PRYPNINI).

Tribe PSALLIDIINI Lacordaire, 1863

PSALLIDIIDES Lacordaire, 1863: 138 [stem: *Psallidi*]. Type genus: *Psallidium* Herbst, 1795 [as *Psalidium*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Everts (1903: 547, as PSALLIDIINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 176, as PSALLIDIINI); incorrect original stem formation, not in prevailing usage.

Tribe RHYNCOGONINI Sharp, 1919

RHYNCOGONIDES Sharp, 1919a: 77 [stem: *Rhyncogon*]. Type genus: *Rhyncogonus* Sharp, 1885.

Tribe SCIAPHILINI Sharp, 1891

SCIAPHILINA Sharp, 1891: 167 [stem: *Sciaphil*]. Type genus: *Sciaphilus* Schönherr, 1823.

SCIAPHILINI Pierce, 1913: 405, in key [stem: *Sciaphil*]. Type genus: *Sciaphilus* Schönherr, 1823. Comment: family-group name proposed as new without reference to SCIAPHILINA Sharp, 1891.

Tribe SITONINI Gistel, 1848

SITONISIDAE Gistel, 1848: [8] [stem: *Siton*]. Type genus: *Sitones* Schönherr, 1840 [syn. of *Sitona* Germar, 1817]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TANYMECINI Lacordaire, 1863

TANYMÉCIDES Lacordaire, 1863: 82 [stem: *Tanymec*-.] Type genus: *Tanymecus* Germar, 1817.

Subtribe PIAZOMIINA Reitter, 1913

PIAZOMIINI Reitter, 1913b: 28, in key [stem: *Piazomi*-.] Type genus: *Piazomias* Schönherr, 1840.

Subtribe TAINOPHTHALMINA Desbrochers des Loges, 1873

TAINOPHTHALMIDAE Desbrochers des Loges, 1873: 426 [stem: *Tainophthalm*-.] Type genus: *Tainophthalmus* Desbrochers des Loges, 1873.

AMOMPHI J. L. LeConte, 1874b: 455 [stem: *Amomph*-.] Type genus: *Amomphus* Schönherr, 1848 [syn. of *Aspidiotes* Schönherr, 1847].

Subtribe TANYMECINA Lacordaire, 1863

TANYMÉCIDES Lacordaire, 1863: 82 [stem: *Tanymec*-.] Type genus: *Tanymecus* Germar, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1874b: 454, as TANYMECINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 178, as TANYMECINI).

HADROMERIDES Jekel, 1865: 545 [stem: *Hadromer*-.] Type genus: *Hadromerus* Schönherr, 1834 [preoccupied genus name, not *Hadromerus* Schönherr, 1823 [Coleoptera: CURCULIONIDAE: ENTIMINAE]; syn. of *Hadromeropsis* Pierce, 1913]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SIDERODACTYLIDES Jekel, 1865: 551, in note [stem: *Siderodactyl*-.] Type genus: *Siderodactylus* Schönherr, 1834 [syn. of *Hadromerus* Schönherr, 1823].

PACHNAEI J. L. LeConte, 1874b: 457 [stem: *Pachnae*-.] Type genus: *Pachnaeus* Schönherr, 1826.

MINYOMERI G. H. Horn, 1876: 17 [stem: *Minyomer*-.] Type genus: *Minyomerus* G. H. Horn, 1876.

PANDELETEINI Pierce, 1913: 399, in key [stem: *Pandetei*-.] Type genus: *Pandeteius* Schönherr, 1834. Comment: incorrect original stem formation, not in prevailing usage.

Tribe TANYRHYNCHINI Schönherr, 1826

TANYRHYNCHIDES Schönherr, 1826: 212 [stem: *Tanyrhynch*-.] Type genus: *Tanyrhynchus* Schönherr, 1826.

ÉREMNIDES Lacordaire, 1863: 220 [stem: *Eremn*-.] Type genus: *Eremnus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by J. L. LeConte (1869: 380, as EREMNIINI), generally accepted as in Schenkling and G. A. K. Marshall (1931b: Erem. 13, as EREMNIINI).

Tribe THECESTERNINI Lacordaire, 1863

THECESTERNIDES Lacordaire, 1863: 306 [stem: *Thecester-*]. Type genus: *Thecestermus* Say, 1831. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Sharp (1891: 86, as THECESTERNINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 182, as THECESTERNINI).

Tribe TRACHYPHLOEINI Gistel, 1848

TRACHYPHLOEIDAE Gistel, 1848: [7] [stem: *Trachyphloe-*]. Type genus: *Trachyphloeus* Germar, 1817.

Subtribe TRACHYPHILINA Voss, 1948

TRACHYPHILINA Voss, 1948: 73, in key [stem: *Trachyphil-*]. Type genus: *Trachyphilus* Faust, 1887.

Subtribe TRACHYPHLOEINA Gistel, 1848

TRACHYPHLOEIDAE Gistel, 1848: [7] [stem: *Trachyphloe-*]. Type genus: *Trachyphloeus* Germar, 1817.

PHYLLASTOLIDAE Gistel, 1856a: 372 [stem: *Phyllastol-*]. Type genus: *Phyllastolus* Gistel, 1856 [syn. of *Trachyphloeus* Germar, 1817].

CATHORMIOCERINI Reitter, 1913b: 8, in key [stem: *Cathormiocer-*]. Type genus: *Cathormiocerus* Schönherr, 1842.

TRACHYPHLOEINI Pierce, 1913: 421, in key [stem: *Trachyphloe-*]. Type genus: *Trachyphloeus* Germar, 1817. Comment: family-group name proposed as new without reference to TRACHYPHLOEIDAE Gistel, 1848.

PSEUDOCNEORRHININI Kôno, 1930: 163, in key [stem: *Pseudocneorhin-*]. Type genus: *Pseudocneorhinus* Roelofs, 1873 [as *Pseudocneorrhinus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

CALLIRHOPALINI Voss, 1956b: 23 [stem: *Callirhopal-*]. Type genus: *Callirhopalus* Hochhuth, 1851.

Tribe TROPIPHORINI Marseul, 1863

TROPIPHORIDAE Marseul, 1863: 220 [stem: *Tropiphor-*]. Type genus: *Tropiphorus* Schönherr, 1842 [placed on the Official List of Generic Names in Zoology (ICZN 1988c)]. Comment: TROPIPHORINI, published on 15 June 1863, is given priority over STRANGALIODINI, BYRSOPAGINI, PANTOPOEINI and SYNAPTONYCHINI which were published by Lacordaire "before 10 August 1863".

LEPTOPSIDES Lacordaire, 1863: 232 [stem: *Leptop-*]. Type genus: *Leptops* Schönherr, 1834 [preoccupied genus name, not *Leptops* Rafinesque, 1820 [Pisces]; syn. of *Leptopius* Oke, 1951]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870a: 181, as LEPTOPINAE), generally accepted as in Heyne and Taschenberg (1907: 226, as LEPTOPSINI [incorrect stem formation]); permanently invalid (Art. 39):

based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

STRANGALIODIDES Lacordaire, 1863: 234 [stem: *Strangalioid-*]. Type genus: *Strangaliodes* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by G. H. Horn (1876: 37, as STRANGALIODES [treated as Latin]), generally accepted as in Voss (1954: 237, as STRANGALIODINI).

BYRSOPAGIDES Lacordaire, 1863: 337 [stem: *Byrsopag-*]. Type genus: *Byrsopages* Schönherr, 1842. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 228, as BYRSOPAGINI), generally accepted as in Schenkling and G. A. K. Marshall (1929: 57, as BYRSOPAGINI).

PANTOPÉIDES Lacordaire, 1863: 346 [stem: *Pantopoe-*]. Type genus: *Pantopoeus* Schönherr, 1842 [syn. of *Perperus* Schönherr, 1842]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Faust (1892a: 179, as PANTOPEINARUM [incorrect stem formation]); incorrect original stem formation, not in prevailing usage.

SYNAPTONYCIDES Lacordaire, 1863: 372 [stem: *Synaptonych-*]. Type genus: *Synaptonyx* G. R. Waterhouse, 1853. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Wollaston (1877: 158, as SYNAPTONYCHIDES [treated as Latin]); incorrect original stem formation, not in prevailing usage.

RHIGOPSINI J. L. LeConte, 1874b: 454 [stem: *Rhigopse-*]. Type genus: *Rhigopsis* J. L. LeConte, 1874. Comment: incorrect original stem formation, not in prevailing usage, the comment stating the contrary in Alonso-Zarazaga and Lyal (2002: 28) is incorrect.

DYSLOBINI J. L. LeConte, 1874b: 454 [stem: *Dyslob-*]. Type genus: *Dyslobus* J. L. LeConte, 1869.

PHYXELES G. H. Horn, 1876: 56 [stem: *Phyxelid-*]. Type genus: *Phyxelis* Schönherr, 1842. Comment: incorrect original stem formation, not in prevailing usage.

DIROTOGNATHINI G. H. Horn, 1876: 79 [stem: *Dirotognath-*]. Type genus: *Dirotognathus* G. H. Horn, 1876.

SYNIRMINI Bedel, 1883: 32, in key [stem: *Synirm-*]. Type genus: *Synirmus* Bedel, 1883 [syn. of *Tropiphorus* Schönherr, 1842].

STENOCORYNINI McKeown, 1939: 408 [stem: *Stenocoryn-*]. Type genus: *Stenocorynus* Schönherr, 1842. Comment: replacement name for LEPTOPSIDES Lacordaire, 1863 because of the homonymy of the type genus.

LEPTOPHINAE Oke, 1951: 24 [stem: *Leptopi-*]. Type genus: *Leptopius* Oke, 1951. Comment: replacement name for LEPTOPSIDES Lacordaire, 1863 because of the homonymy of the type genus.

LEPTOSINAE G. A. K. Marshall, 1952: 264 [stem: *Leptos-*]. Type genus: *Leptopus* G. A. K. Marshall, 1952 [syn. of *Leptopius* Oke, 1951]. Comment: replacement name for LEPTOPSIDES Lacordaire, 1863 because of the homonymy of the type genus.

Tribe TYPHLORHININI Kuschel, 1954

TYPHLORHININI Kuschel, 1954: 287 [stem: *Typhlorhin-*]. Type genus: *Typhlorhinus* Kuschel, 1954 [syn. of *Hapactorrhynchus* Richard, 1953].

Subfamily HYPERINAE Marseul, 1863 (1848)

HYPERIDAE Marseul, 1863: 224 [stem: *Hyper-*]. Type genus: *Hypera* Germar, 1817.

Comment: use of family-group name conserved over PHYTONOMINAE Gistel, 1848 (Art. 40.2).

Tribe CEPURINI Capiomont, 1867

*HAPLOPIDES Lacordaire, 1863: 394 [stem: *Haplopod-*]. Type genus: *Haplopus* Schönherr, 1840 [preoccupied genus name, not *Haplopus* Burmeister, 1838 [Orthoptera]; syn. of *Haplopodus* G. A. K. Marshall, 1946]. Comment: original vernacular name unavailable (Art. 11.7.2); subsequently used in latinized form, e.g., Heyne and Taschenberg (1907: 228, as HAPLOPINI) but not generally accepted as valid; HAPLOPIDAE was used as valid by Ienistea (1986: 33) but it was not attributed to Lacordaire (1863); Ienistea's name is also unavailable, it was proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1); if found to be available then permanently invalid (Art. 39): based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

CÉPURIDES Capiomont, 1867: 438 [stem: *Cepur-*]. Type genus: *Cepurus* Schönherr, 1834. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Csiki (1934: 3, as CEPURINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 189, as CEPURINI).

Tribe HYPERINI Marseul, 1863 (1848)

PHYTONOMIDAE Gistel, 1848: [8] [stem: *Phytonom-*]. Type genus: *Phytonomus* Schönherr, 1823 [syn. of *Hypera* Germar, 1817]. Comment: use of the younger names HYPERINAE/-INI Marseul, 1863 are conserved over this name (Art. 40.2).

HYPERIDAE Marseul, 1863: 224 [stem: *Hyper-*]. Type genus: *Hypera* Germar, 1817. Comment: published 15 June 1863; use of family-group name conserved over PHYTONOMINI Gistel, 1848 (Art. 40.2); this family-group name was also used in the same year by Lacordaire (1863 [before 10 August]: 395, as HYPÉRIDES).

CONIATINA Legalov, 2007: 401 [stem: *Coniat-*]. Type genus: *Coniatus* Germar, 1817.

MACROTARRHUSINA Legalov, 2007: 401 [stem: *Macrotarrh-*]. Type genus: *Macrotarrhus* Bedel, 1906. Comment: incorrect original stem formation, not in prevailing usage.

Subfamily LIXINAE Schönherr, 1823

LIXIDES Schönherr, 1823: column 1146 [stem: *Lix-*]. Type genus: *Lixus* Fabricius, 1801.

Tribe CLEONINI Schönherr, 1826 *nomen protectum*

GEOMORIDES Schönherr, 1823: column 1141 [stem: *Geomor-*]. Type genus: *Geomorus* Schönherr, 1823 [syn. of *Cleonis* Dejean, 1821]. Comment: as pointed out by Alonso-Zarazaga and Lyl (1999: 190) this is the oldest available name for the tribe name, however, it has not been used as valid after 1899 and therefore we treat it here as a *nomen oblitum* (see Appendix 1).

CLEONIDES Schönherr, 1826: 145 [stem: *Cleon-*]. Type genus: *Cleonus* Schönherr, 1826 [syn. of *Cleonis* Dejean, 1821]. Comment: *nomen protectum* (see Appendix 1).

CLEONIDAE Kirby, 1837: 198 [stem: *Cleon-*]. Type genus: *Cleonis* Dejean, 1821.

XEROBIADAE Gistel, 1856a: 373 [stem: *Xerobi-*]. Type genus: *Xerobia* Gistel, 1856 [syn. of *Cleonis* Dejean, 1821]. Comment: incorrect original stem formation, not in prevailing usage.

*BOTHYNODÉRIDES Chevrolat, 1872: 16 [stem: *Bothynoder-*]. Type genus: *Bothynoderes* sensu Chevrolat, 1872 [not *Bothynoderes* Schönherr, 1823; syn. of *Asproparthenis* Gozis, 1886]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

*CONORHYNCHIDES Chevrolat, 1872: 17 [stem: *Conorhynch-*]. Type genus: *Conorhynchus* Motschulsky, 1860. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form, e.g., Handlirsch (1925: 687 [as CNEORHYNCHIDES; *lapsus calami* for CONORHYNCHIDES [treated as Latin]]), but not generally accepted as valid; CONORHYNCHINAE Gill, 1861 (type genus *Conorhynchus* Gill, 1861, unjustified emendation of *Conorhynchus* Nozeman, 1758 and junior homonym of *Conorhynchus* Motschulsky, 1860) is available in Pisces; the Pisces family-group name is permanently invalid since it is based on a preoccupied type genus (Art. 39).

*COSSINODÉRIDES Chevrolat, 1872: 18 [stem: *Cossinoder-*]. Type genus: *Cossinoderus* Chevrolat, 1872 [syn. of *Porocleonus* Motschulsky, 1860]. Comment: original vernacular name unavailable (Art. 11.7.2): not subsequently latinized.

EPIRHYNCHINI Petri, 1914: 3, in key [stem: *Epirrhynch-*]. Type genus: *Epirrhynchus* Schönherr, 1823 [as *Epirrhynchus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Tribe LIXINI Schönherr, 1823

LIXIDES Schönherr, 1823: column 1146 [stem: *Lix-*]. Type genus: *Lixus* Fabricius, 1801.

*LARINIDEN Suffrian, 1848: 62 [stem: *Larin-*]. Type genus: *Larinus* Germar, 1824 [preoccupied genus name, not *Larinus* Dejean, 1821 [Coleoptera: CURCULIONIDAE: LIXINAE: LIXINI]; syn. of *Larinus* Dejean, 1821]. Comment: original vernacular name unavailable (Art. 11.7.2): subsequently used in latinized form but not generally attributed to Suffrian (1848); if found to be available then permanently invalid (Art. 39): based on preoccupied type genus.

LARINIDAE Gistel, 1848: [7] [stem: *Larin-*]. Type genus: *Larinus* Germar, 1824 [preoccupied genus name, not *Larinus* Dejean, 1821 [Coleoptera: CURCULIONIDAE: LIXINAE: LIXINI]; syn. of *Larinus* Dejean, 1821]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

PHYLLONOMEIDAE Gistel, 1856a: 372 [stem: *Phyllonome-*]. Type genus: *Phyllonomeus* Gistel, 1856.

LARININI Petri, 1914: 4, in key [stem: *Larin-*]. Type genus: *Larinus* Germar, 1824 [preoccupied genus name, not *Larinus* Dejean, 1821 [Coleoptera: CURCULIONIDAE: LIXINAE: LIXINI]; syn. of *Larinus* Dejean, 1821]. Comment: family-group name proposed as new without reference to LARINIDAE Gistel, 1848; permanently invalid (Art. 39): based on preoccupied type genus.

Tribe RHINOCYLLINI Lacordaire, 1863

RHINOCYLLIDES Lacordaire, 1863: 433 [stem: *Rhinocyll-*]. Type genus: *Rhinocyllus* Germar, 1817. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Faust (1904: 182, as RHINOCYLLINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 193, as RHINOCYLLINI).

Subfamily MESOPTILIINAE Lacordaire, 1863

MESOPTILIDES Lacordaire, 1863: 563 [stem: *Mesoptili-*]. Type genus: *Mesoptilius* Labram and Imhoff, 1845.

Tribe CARCILIINI Pierce, 1916

CARCILIINAE Pierce, 1916: 465 [stem: *Carcili-*]. Type genus: *Carcilia* Roelofs, 1874.

Tribe LAEMOSACCINI Lacordaire, 1865

LÉMOSACIDES Lacordaire, 1865: 12 [stem: *Laemosacc-*]. Type genus: *Laemosaccus* Schönherr, 1823. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as LAEMOSACCINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 194, as LAEMOSACCINI); incorrect original stem formation, not in prevailing usage.

Tribe MAGDALIDINI Pascoe, 1870 *nomen protectum*

THAMNOPHILIDES Schönherr, 1823: column 1136 [stem: *Thamnophil-*]. Type genus: *Thamnophilus* Schönherr, 1823 [preoccupied genus name, not *Thamnophilus* Vieillot, 1816 [Aves]; syn. of *Magdalis* Germar, 1817]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SCARDAMYCTISIDAE Gistel, 1848: [7] [stem: *Scardamycet-*]. Type genus: *Scardamycetes* Gistel, 1848 [syn. of *Magdalis* Germar, 1817]. Comment: SCARDAMYCTINI Gistel, 1848 was recently considered a *nomen oblitum* by Colonnelli (2003: 7) however the necessary supporting references were not provided; we hereby consider SCARDAMYCTINI Gistel, 1848 as a *nomen oblitum* (see supporting ref-

erences in Appendix 1); incorrect original stem formation, not in prevailing usage.

MAGDALINIDAE Gistel, 1856a: 371 [stem: *Magdalin-*]. Type genus: *Magdalinus* Germar, 1843 [placed on the Official Index of Rejected and Invalid Generic Names in Zoology by the Commission (ICZN 1955a); syn. of *Magdalis* Germar, 1817]. Comment: permanently invalid (Art. 39): based on suppressed type genus.

MAGDALINAE Pascoe, 1870b: 436 [stem: *Magdalid-*]. Type genus: *Magdalis* Germar, 1817 [placed on the Official List of Generic Names in Zoology (ICZN 1955a)]. Comment: *nomen protectum* (see Appendix 1); incorrect original stem formation, not in prevailing usage.

RHININAE Pierce, 1916: 465 [stem: *Rhin-*]. Type genus: *Rhina* Latreille, 1802 [preoccupied genus name, not *Rhina* Schneider, 1801 [Pisces]; syn. of *Panus* Schönherr, 1823]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe MESOPTILIINI Lacordaire, 1863

MÉSOPTILIDES Lacordaire, 1863: 563 [stem: *Mesoptili-*]. Type genus: *Mesoptilius* Labram and Imhoff, 1845. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as MESOPTILINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 193, as MESOPTILIINI); incorrect original stem formation, not in prevailing usage.

CNEMIDOPHORINI Hustache, 1937: 199, in key [stem: *Cnemidophor-*]. Type genus: *Cnemidophorus* Schönherr, 1835 [preoccupied genus name, not *Cnemidophorus* Wagler, 1830 [Reptilia]; syn. of *Cnemidontus* Schenkling, 1935]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CNEMIDONTINI Kuschel, 1955: 271 [stem: *Cnemidont-*]. Type genus: *Cnemidontus* Schenkling, 1935. Comment: replacement name for CNEMIDOPHORINI Hustache, 1937 because of the homonymy of the type genus.

Subfamily MOLYTINAE Schönherr, 1823

MOLYTIDES Schönherr, 1823: column 1142 [stem: *Molyt-*]. Type genus: *Molytes* Schönherr, 1823 [syn. of *Liparus* A. G. Olivier, 1807].

Tribe ANOPLINI Bedel, 1884

ANOPLINI Bedel, 1884a: 67, in key [stem: *Anopl-*]. Type genus: *Anoplus* Germar, 1820.

Tribe AMALACTINI Lacordaire, 1863

AMALACTIDES Lacordaire, 1863: 506 [stem: *Amalact-*]. Type genus: *Amalactus* Schönherr, 1835. Comment: original vernacular name available (Art. 11.7.2):

first used in latinized form by Pascoe (1870b: 436, as AMALACTINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 196, as AMALACTINI).

Tribe AMINYOPINI Voss, 1956

AMINYOPINI Voss, 1956b: 30, in key [stem: *Aminyop-*]. Type genus: *Aminyops* Voss, 1956.

NIPHADINI Voss, 1963: 5 [stem: *Niphad-*]. Type genus: *Niphades* Pascoe, 1871.

NIPHADONOTHINA Voss, 1965: 344, in key [stem: *Niphadonoth-*]. Type genus: *Niphadonothus* Voss, 1965.

Tribe AMORPHOCERINI Voss, 1939

AMORPHOCERINI Voss, 1939: 65 [stem: *Amorphocer-*]. Type genus: *Amorphocerus* Schönherr, 1826.

Tribe ANCHONINI Imhoff, 1856

ANCHONIDAE Imhoff, 1856: [2] 213 [stem: *Anchon-*]. Type genus: *Anchonus* Schönherr, 1825.

Tribe BRACHYCEROPSEINI Aurivillius, 1926

BRACHYCEROPSEINAE Aurivillius, 1926b: 2 [stem: *Brachyceropse-*]. Type genus: *Brachyceropsis* Aurivillius, 1926. Comment: Alonso-Zarazaga and Lyal (2002: 18) incorrectly changed their previous opinion in Alonso-Zarazaga and Lyal (1999: 103) regarding the correct stem based on this genus name, the correct stem is *Brachyceropse-*.

Tribe CHOLINI Schönherr, 1825

CHOLIDES Schönherr, 1825: column 584 [stem: *Chol-*]. Type genus: *Cholus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987d)].

Subtribe CHOLINA Schönherr, 1825

CHOLIDES Schönherr, 1825: column 584 [stem: *Chol-*]. Type genus: *Cholus* Germar, 1824 [placed on the Official List of Generic Names in Zoology (ICZN 1987d)].

AMERININAE Pierce, 1919: 30, in key [stem: *Amerin-*]. Type genus: *Ameris* Dejean, 1821.

Subtribe CHOLOMINA Vaurie, 1974

CHOLOMINI Vaurie, 1974: 4 [stem: *Cholom-*]. Type genus: *Cholomus* Roelofs, 1880.

Subtribe RHINASTINA Vaurie, 1973

RHINASTINI Vaurie, 1973: 4, in key [stem: *Rhinast-*]. Type genus: *Rhinastus* Schönherr, 1825.

Tribe CLEOGONINI Gistel, 1848

CLEOGONIDAE Gistel, 1848: [7] [stem: *Cleogon*-.] Type genus: *Cleogonus* Schönherr, 1825.

Tribe CONOTRACHELINI Jekel, 1865

CONOTRACHELIDES Jekel, 1865: 550 [stem: *Conotrachel*-.] Type genus: *Conotrachelus* Dejean, 1835.

ECHINASPINI Blatchley, 1922: 121 [stem: *Echinaspid*-.] Type genus: *Echinaspis* Blatchley, 1922 [preoccupied genus name, not *Echinaspis* Haeckel, 1881 [Protista]; syn. of *Microhyus* J. L. LeConte, 1876]. Comment: permanently invalid (Art. 39); based on preoccupied type genus; incorrect original stem formation, not in prevailing usage.

Tribe CYCLOTERINI Lacordaire, 1863

CYCLOTÉRIDES Lacordaire, 1863: 365 [stem: *Cycloter*-.] Type genus: *Cycloterus* Schönherr, 1843.

Subtribe CYCLOTERINA Lacordaire, 1863

CYCLOTÉRIDES Lacordaire, 1863: 365 [stem: *Cycloter*-.] Type genus: *Cycloterus* Schönherr, 1843. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Heyne and Taschenberg (1907: 228, as CYCLOTERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 200, as CYCLOTERINI).

Subtribe THROMBOSTERNINA Voss, 1965

THROMBOSTERNINA Voss, 1965: 344, in key [stem: *Thrombostern*-.] Type genus: *Thrombosternus* G. A. K. Marshall, 1955.

Tribe DINOMORPHINI Lacordaire, 1863

DINOMORPHIDES Lacordaire, 1863: 291 [stem: *Dinomorph*-.] Type genus: *Dinomorphus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by Pascoe (1870b: 436, as DINOMORPHINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 201, as DINOMORPHINI).

Tribe EMPHYASTINI Lacordaire, 1863

EMPHYASTIDES Lacordaire, 1863: 510 [stem: *Emphyast*-.] Type genus: *Emphyastes* Mannerheim, 1852 [as *Emphiastes*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: original vernacular name available (Art. 11.7.2); first used in latinized form by J. L. LeConte (1876: 137, as EMPHYASTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 143, as EMPHYASTINA); incorrect original stem formation, not in prevailing usage.

PHYCOCOETES J. L. LeConte, 1876: 189 [stem: *Phycocoet-*]. Type genus: *Phycocoetes* J. L. LeConte, 1876 [preoccupied genus name, not *Phycocoetes* Agassiz, 1846 [Pisces]; syn. of *Thalasselephas* Egorov and Korotyaev, 1976]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

THALASSELEPHANTINI Alonso-Zarazaga and Lyal, 1999: 208 [stem: *Thalasselephant-*]. Type genus: *Thalasselephas* Egorov and Korotyaev, 1976. Comment: replacement name for PHYCOCOETINI J. L. LeConte, 1876 because of the homonymy of the type genus.

Tribe EUDERINI Lacordaire, 1865

EUDÉRIDES Lacordaire, 1865: 18 [stem: *Euder-*]. Type genus: *Euderus* Schönherr, 1825. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as EUDERINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 201, as EUDERINI); the junior homonym EUDERINI Erdős, 1956 (type genus *Euderus* Haliday, 1844) is available in Hymenoptera: EULOPHIDAE; the name ENTIINAE Hedqvist, 1974 is now used as valid in Hymenoptera instead of EUDERINI Erdős, 1956 (see Hansson and Straka 2009: 272).

Tribe GALLOISIINI Morimoto, 1962

GALLOISIINAE Morimoto, 1962b: 375 [stem: *Galloisi-*]. Type genus: *Galloisia* Husache, 1920.

Tribe GUIOPERINI Lacordaire, 1865

GUIOPÉRIDES Lacordaire, 1865: 78 [stem: *Guioper-*]. Type genus: *Guioperus* Perty, 1832. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 232, as GUIOPERINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 201, as GUIOPERINI).

Tribe HYLOBIINI Kirby, 1837

HYLOBIDAE Kirby, 1837: 196 [stem: *Hylobi-*]. Type genus: *Hylobius* Germar, 1817.

Subtribe EPISTROPHINA Marshall, 1932

EPISTROPHINA G. A. K. Marshall, 1932: 346, in key [stem: *Epistroph-*]. Type genus: *Epistrophus* Kirsch, 1868 [preoccupied genus name, not *Epistrophus* Gistel, 1834 [Coleoptera: ELATERIDAE]; *Epistrophus* Kirsch, 1868 is currently considered a valid genus name]. Comment: as pointed out by Alonso-Zarazaga and Lyal (1999: 202) this family-group name should be treated as permanently invalid (Art. 39) because it is based on a preoccupied type genus, however, an application will be submitted by MAAZ and CHCL to the Commission for the conservation of the genus *Epistrophus* Kirsch, 1868 over its unused senior homonym; meanwhile current usage is maintained.

Subtribe HYLOBIINA Kirby, 1837

HYLOBIDAE Kirby, 1837: 196 [stem: *Hylobi-*]. Type genus: *Hylobius* Germar, 1817. Comment: incorrect original stem formation, not in prevailing usage.

HEILIPINAE Faust, 1892b: 202, in key [stem: *Heilipod-*]. Type genus: *Heilipus* Germar, 1824. Comment: incorrect original stem formation, not in prevailing usage.

SYPHORBINA G. A. K. Marshall, 1932: 346, in key [stem: *Syphorb-*]. Type genus: *Syphorb* Pascoe, 1881.

Tribe ITHYPORINI Lacordaire, 1865

ITHYPORIDES Lacordaire, 1865: 50 [stem: *Ithypor-*]. Type genus: *Ithyporus* Schönherr, 1836. Comment: precedence (ITHYPORINI Lacordaire, 1865 vs SCLEROCARDIINI Lacordaire, 1865) given to taxon originally proposed at the higher rank (Art. 24.1).

Subtribe COLOBODINA Voss, 1958

COLOBODINI Voss, 1958: 50, in key [stem: *Colobod-*]. Type genus: *Colobodes* Schönherr, 1837.

Subtribe ITHYPORINA Lacordaire, 1865

ITHYPORIDES Lacordaire, 1865: 50 [stem: *Ithypor-*]. Type genus: *Ithyporus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Kirsch (1870: 192, as ITHYPORIDAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 203, as ITHYPORINI).

Subtribe SCLEROCARDIINA Lacordaire, 1865

SCLEROCARDIIDES Lacordaire, 1865: 317 [stem: *Sclerocardi-*]. Type genus: *Sclerocardius* Schönherr, 1847. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 233, as SCLEROCARDINI [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 204, as SCLEROCARDIINA).

Tribe ITINI Reitter, 1913

ITINI Reitter, 1913b: 58, in key [stem: *It-*]. Type genus: *Ita* Tournier, 1878.

Tribe JUANORHININI Aurivillius, 1931

JUANORHININI Aurivillius, 1931: 465 [stem: *Juanorhin-*]. Type genus: *Juanorhinus* Aurivillius, 1926.

Tribe LEPYRINI Kirby, 1837

LEPYRIDAE Kirby, 1837: 197 [stem: *Lepyr-*]. Type genus: *Lepyrus* Germar, 1817.

Tribe LITHININI Lacordaire, 1863

LITHINIDES Lacordaire, 1863: 349 [stem: *Lithin-*]. Type genus: *Lithinus* Klug, 1833.

Subtribe LITHININA Lacordaire, 1863

LITHINIDES Lacordaire, 1863: 349 [stem: *Lithin-*]. Type genus: *Lithinus* Klug, 1833. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as LITHININAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 204, as LITHININI).

Subtribe RHYTIDOPHLOEINA Voss, 1963

RHYTIDOPHLOEINI Voss, 1963: 3 [stem: *Rhytidophloe-*]. Type genus: *Rhytidophloeus* Schönherr, 1842.

Tribe LYMANTINI Lacordaire, 1865

LYMANTIDES Lacordaire, 1865: 328 [stem: *Lyman-*]. Type genus: *Lymanthes* Schönherr, 1837. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 234, as LYMANTINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 205, as LYMANTINI).

ITHAURINAE Kuschel, 1959b: 509 [stem: *Ithaur-*]. Type genus: *Ithaura* Pascoe, 1871.

CAECOSSONINA Osella, 1980: 369 [stem: *Caecossion-*]. Type genus: *Caecossionus* Gilbert, 1955.

Tribe MECYSOLOBINI Reitter, 1913

ALCIDIDES Jekel, 1865: 547 [stem: *Alcid-*]. Type genus: *Alcides* Schönherr, 1825 [preoccupied genus name, not *Alcides* Hübner, 1822 [Lepidoptera]; syn. of *Sternuchopsis* Heller, 1918]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

MECYSLOBINI Reitter, 1913b: 33, in key [stem: *Mecyslob-*]. Type genus: *Mecyslobus* Reitter, 1905 [as *Mecyslobus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

ALCIDODINAE G. A. K. Marshall, 1939: 582 [stem: *Alcidod-*]. Type genus: *Alcidodes* G. A. K. Marshall, 1939 [syn. of *Sternuchopsis* Heller, 1918]. Comment: replacement name for ALCIDINAE Jekel, 1865 because of the homonymy of the type genus.

Tribe METATYGINI Pascoe, 1888

METATYGINAE Pascoe, 1888: 409 [stem: *Metatyg-*]. Type genus: *Metatyges* Pascoe, 1865 [syn. of *Omophorus* Schönherr, 1835].

OMOPHORINAE G. A. K. Marshall, 1917: 195 [stem: *Omophor-*]. Type genus: *Omophorus* Schönherr, 1835.

METATYGINAE Pierce, 1919: 30, in key [stem: *Metatyg*-.]. Type genus: *Metatyges* Pascoe, 1865 [syn. of *Omophorus* Schönherr, 1835]. Comment: family-group name proposed as new without reference to METATYGINAE Pascoe, 1888.

STERNECHOSOMINI Voss, 1958: 43, in key [stem: *Sternechosom*-.]. Type genus: *Sternechosomus* Voss, 1958.

Tribe MOLYTINI Schönherr, 1823

MOLYTIDES Schönherr, 1823: column 1142 [stem: *Molyt*-.]. Type genus: *Molytes* Schönherr, 1823 [syn. of *Liparus* A. G. Olivier, 1807].

Subtribe LEIOSOMATINA Reitter, 1913

LIOSOMINA Reitter, 1913b: 52, in key [stem: *Leiosomat*-.]. Type genus: *Leiosoma* Stephens, 1829 [as *Liosoma*, unjustified emendation of type genus name by Agassiz (1846b: 204), not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage.

Subtribe MOLYTINA Schönherr, 1823

MOLYTIDES Schönherr, 1823: column 1142 [stem: *Molyt*-.]. Type genus: *Molytes* Schönherr, 1823 [syn. of *Liparus* A. G. Olivier, 1807].

LIPARIDES Latreille, 1828: 597 [stem: *Lipar*-.]. Type genus: *Liparus* A. G. Olivier, 1807.

Subtribe PLINTHINA Lacordaire, 1863

PLINTHIDES Lacordaire, 1863: 359 [stem: *Plinth*-.]. Type genus: *Plinthus* sensu Westwood, 1838 [not *Plinthus* Germar, 1817; syn. of *Mitoplinthus* Reitter, 1897 but see Alonso-Zarazaga and Lyal (2010) and Appendix 6]. Comment: based on a misidentified type genus; an application was recently submitted to the Commission by Alonso-Zarazaga and Lyal (2010) to keep the name PLINTHINA in its usual sense, with *Plinthus* Germar, 1817 as its type genus (see Appendix 6).

MINYOPIDAE Marseul, 1863: 221 [stem: *Minyop*-.]. Type genus: *Minyops* Schönherr, 1823.

Subtribe TYPODERINA Voss, 1965

TYPODERINA Voss, 1965: 343, in key [stem: *Typoder*-.]. Type genus: *Typoderus* G. A. K. Marshall, 1953.

Tribe NETTARHININI Lacordaire, 1865

NETTARHINIDES Lacordaire, 1865: 76 [stem: *Nettarhin*-.]. Type genus: *Nettarhinus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Hustache (1936: 62, as NETTARHININA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 206, as NETTARHININI).

Tribe PACHOLENINI Lacordaire, 1863

PACHOLÉNIDES Lacordaire, 1863: 443 [stem: *Pacholen-*]. Type genus: *Pacholenus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Heyne and Taschenberg (1907: 229, as PACHOLENINI), generally accepted as in Alonso-Zarazaga and Lyal (1999: 206, as PACHOLENINI).

Tribe PAIPALESOMINI Marshall, 1932

PAIPALESOMINI G. A. K. Marshall, 1932: 345, in key [stem: *Paipalesom-*]. Type genus: *Paipalesomus* Schönherr, 1847 [syn. of *Peribleptus* Schönherr, 1843].

Tribe PETALOCHELINI Lacordaire, 1863

PÉTALOCHELIDES Lacordaire, 1863: 517 [stem: *Petalochil-*]. Type genus: *Petalochilus* Schönherr, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as PETALOCHELINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 206, as PETALOCHELINI).

ÉPIPÉDIDES Lacordaire, 1865: 186 [stem: *Epiped-*]. Type genus: *Epipedus* Schönherr, 1842 [preoccupied genus name, not *Epipedus* Spinola, 1837 [Hemiptera]; syn. of *Epipedophyes* G. A. K. Marshall, 1946]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Pascoe (1870b: 437, as EPIPEDINAE); permanently invalid (Art. 39): based on preoccupied type genus.

HORMOPINI J. L. LeConte, 1876: 320 [stem: *Hormop-*]. Type genus: *Hormops* J. L. LeConte, 1876.

SCHOENHERRIELLINAE Viana, 1952: 231 [stem: *Schoenherriell-*]. Type genus: *Schoenherriella* Viana, 1952 [syn. of *Epipedophyes* G. A. K. Marshall, 1946]. Comment: replacement name for EPIPÉDIDES Lacordaire, 1865 because of the homonymy of the type genus.

EPIPEDOPHYINAE Kuschel, 1955: 270 [stem: *Epipedophy-*]. Type genus: *Epipedophyes* G. A. K. Marshall, 1946. Comment: replacement name for EPIPÉDIDES Lacordaire, 1865 because of the homonymy of the type genus.

Tribe PHOENICOBATINI Champion, 1914

PHOENICOBATINA Champion, 1914: 416 [stem: *Phoenicobat-*]. Type genus: *Phoenicobates* Champion, 1914.

Tribe PHRYNIXINI Kuschel, 1964

PHRYNIXINAE Kuschel, 1964: 472 [stem: *Phrynix-*]. Type genus: *Phrynixus* Pascoe, 1875.

Tribe PISSODINI Gistel, 1848

PISSODISIDAE Gistel, 1848: [7] [stem: *Pissod-*]. Type genus: *Pissodes* Germar, 1817.

Subtribe COTASTEROMIMINA Morimoto, 1962

COTASTEROMIMINI Morimoto, 1962a: 61, in key [stem: *Cotasteromim*]. Type genus: *Cotasteromimus* Chûjô and Voss, 1960.

Subtribe ORTHORHININA Jekel, 1865

ORTHORHINIDES Jekel, 1865: 548 [stem: *Orthorhin*]. Type genus: *Orthorhinus* Schönherr, 1825.

Subtribe PISSODINA Gistel, 1848

PISSODISIDAE Gistel, 1848: [7] [stem: *Pissod*]. Type genus: *Pissodes* Germar, 1817. Comment: incorrect original stem formation, not in prevailing usage.

ANGIANIDES Sharp, 1919b: 151 [stem: *Angian*]. Type genus: *Angianus* Sharp, 1919 [syn. of *Vanapa* Pouillaude, 1915].

Tribe STERNECHINI Lacordaire, 1863

STERNÉCHIDES Lacordaire, 1863: 447 [stem: *Sternech*]. Type genus: *Sternechus* Schönherr, 1826. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Champion (1902: 113, as STERNECHINA), generally accepted as in Alonso-Zarazaga and Lyal (1999: 208, as STERNECHINI).

Tribe STYANACINI Chûjô and Voss, 1960

STYANACINAE Chûjô and Voss, 1960: 2 [stem: *Styanac*]. Type genus: *Styanax* Pascoe, 1871.

Tribe TRACHODINI Gistel, 1848

TRACHODISIDAE Gistel, 1848: [7] [stem: *Trachod*]. Type genus: *Trachodes* Germar, 1824. Comment: incorrect original stem formation, not in prevailing usage.

BLASTOPHILADAE Gistel, 1856a: 370 [stem: *Blastophil*]. Type genus: *Blastophila* Gistel, 1856 [syn. of *Trachodes* Germar, 1824]. Comment: incorrect original stem formation, not in prevailing usage.

ACICNÉMIDES Lacordaire, 1865: 31 [stem: *Acicnemid*]. Type genus: *Acicnemis* Fairmaire, 1849. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Klima (1935: Acic. 1, as ACICNEMIDINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 196, as ACICNEMIDINI); incorrect original stem formation, not in prevailing usage.

Tribe TRIGONOCOLINI Lacordaire, 1863

TRIGONOCOLIDES Lacordaire, 1863: 592 [stem: *Trigonocol*]. Type genus: *Trigonocolus* Lacordaire, 1863. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 436, as TRIGONOCOLINAE), generally accepted as in Alonso-Zarazaga and Lyal (1999: 208, as TRIGONOCOLINI).

MEGARHININAE Faust, 1888: 284 [stem: *Megarhin-*]. Type genus: *Megarhinus* Schönherr, 1835 [preoccupied genus name, not *Megarhinus* Rafinesque, 1820 [Pisces]; syn. of *Trigonocolus* Lacordaire, 1863]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

Tribe TRYPETIDINI Lacordaire, 1865

TRYPÉTIDES Lacordaire, 1865: 177 [stem: *Trypetid-*]. Type genus: *Trypetes* Schönherr, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1974a)]. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Pascoe (1870b: 437, as TRYPETINAE [incorrect stem formation]), generally accepted as in Alonso-Zarazaga and Lyal (1999: 209, as TRYPETIDINI); incorrect original stem formation, not in prevailing usage; stem based on *Trypetes* Schönherr, 1836 ruled to be *Trypetid-* and TRYPETIDINAE placed on the Official List of Family-Group Names in Zoology (ICZN 1974a, as TRYPETIDINAE Pierce, 1919).

TRYPETESIDAE Heller, 1916: 348, in note [stem: *Trypetes-*]. Type genus: *Trypetes* Schönherr, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1974a)]. Comment: emendation for TRYPETIDAE Lacordaire, 1865 to avoid homonymy with TRYPETIDAE Loew, 1861 (type genus *Trypeta* Meigen, 1803) in Diptera; corrected spelling not adopted since it creates homonymy problem with TRYPETESIDAE Stebbing, 1910 (type genus *Trypetesa* Norman, 1903) in Crustacea.

Subfamily OROBITIDINAE Thomson, 1859

OROBITINA C. G. Thomson, 1859: 138 [stem: *Orobitid-*]. Type genus: *Orobitis* Germar, 1817. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Alonso-Zarazaga and Lyal (1999: 210).

Subfamily XIPHASPIDINAE Marshall, 1920

XIPHASPIDINAE G. A. K. Marshall, 1920: 393 [stem: *Xiphaspid-*]. Type genus: *Xiphaspis* G. A. K. Marshall, 1920.

Subfamily SCOLYTINAE Latreille, 1804

SCOLITARIИ Latreille, 1804c: 156 [stem: *Scolyt-*]. Type genus: *Scolytus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1963b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1963b, as SCOLYTIDAE Westwood, 1838).

Tribe AMPHISCOLYTINI Mandelshtam and Beaver, 2003

AMPHISCOLYTINI Mandelshtam and Beaver, 2003: 2 [stem: *Amphiscolyt-*]. Type genus: *Amphiscolytus* Mandelshtam and Beaver, 2003.

Tribe BOTHROSTERNINI Blandford, 1896

BOTHROSTERNINI Blandford, 1896: 120 [stem: *Bothrostern-*]. Type genus: *Bothrosternus* Eichhoff, 1868.

Tribe CACTOPININI Chamberlin, 1939

CACTOPINAE Chamberlin, 1939: 243 [stem: *Cactopin*-.] Type genus: *Cactopinus* Schwartz, 1899. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Wood (1978: 113).

Tribe CARPHODICTICINI Wood, 1971

CARPHODICTICINI Wood, 1971: 19 [stem: *Carphodictic*-.] Type genus: *Carphodicticus* Wood, 1971.

Tribe COPTONOTINI Chapuis, 1869

COPTONOTIDAE Chapuis, 1869: 11 [stem: *Coptonot*-.] Type genus: *Coptonotus* Chapuis, 1869.

Tribe CORTHYLINI LeConte, 1876

CORTHYLI J. L. LeConte, 1876: 347 [stem: *Corthyl*-.] Type genus: *Corthylus* Erichson, 1836.

Subtribe CORTHYLINA LeConte, 1876

CORTHYLI J. L. LeConte, 1876: 347 [stem: *Corthyl*-.] Type genus: *Corthylus* Erichson, 1836.

AMPHICRANIDAE Eichhoff, 1878: 460 [stem: *Amphicran*-.] Type genus: *Amphicranus* Erichson, 1836.

XYLEBORIPINA Reitter, 1913c: 102 [stem: *Xyleborip*-.] Type genus: *Xyleborips* Reitter, 1913. Comment: incorrectly spelled XYLOBORIPINA on page 31 of the same work.

GNATHOTRICHINA Balachowsky, 1949: 241 [stem: *Gnathotrich*-.] Type genus: *Gnathotrichus* Eichhoff, 1869.

Subtribe PITYOPHTHORINA Eichhoff, 1878

PITYOPHTHORIDAE Eichhoff, 1878: 173 [stem: *Pityophthor*-.] Type genus: *Pityophthorus* Eichhoff, 1864. Comment: First Revisers found (PITYOPHTHORINA Eichhoff, 1878 vs ARAPTINA Eichhoff, 1878) are Wood and Bright (1992: 949).

ARAPTIDAE Eichhoff, 1878: 305 [stem: *Arapt*-.] Type genus: *Araptus* Eichhoff, 1872.

Tribe CRYPHALINI Lindemann, 1877

CRYPHALOIDEAE Lindemann, 1877: 165 [stem: *Cryphal*-.] Type genus: *Cryphalus* Erichson, 1836.

TRYPOPHLOEINAE Nüsslin, 1911: 375 [stem: *Trypophloe*-.] Type genus: *Trypophloeus* Fairmaire, 1868.

ERNOPORINAE Nüsslin, 1911: 375 [stem: *Ernopor*-.] Type genus: *Ernoporus* C. G. Thomson, 1859.

- *EIDOPHERINAE Murayama, 1954: 200 [stem: *Eidophel*-.]. Type genus: *Eidophelus* Eichhoff, 1875. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description; incorrect original stem formation, not in prevailing usage; correction of stem by Wood (1978: 114).

Tribe CRYPTURGINI LeConte, 1876

- CRYPTURGI J. L. LeConte, 1876: 387 [stem: *Crypturg*-.]. Type genus: *Crypturgus* Erichson, 1836.

†Tribe CYLINDROBROTINI Kirejtshuk, Azar, Beaver, Mandelshtam and Nel, 2009

- CYLINDROBROTINI Kirejtshuk et al., 2009: 103 [stem: *Cylindrobrot*-.]. Type genus: *Cylindrobrotus* Kirejtshuk et al., 2009.

Tribe DIAMERINI Hagedorn, 1909

- DIAMERINAE Hagedorn, 1909: 163 [stem: *Diamer*-.]. Type genus: *Diamerus* Erichson, 1836.

- STROMBOPHORINI Schedl, 1959: 16 [stem: *Strombophor*-.]. Type genus: *Strombophorus* Hagedorn, 1909. Comment: name proposed after 1930 without description or bibliographic reference to such a description (Art. 13.1), however available because it was used as valid before 2000 as in Ferreira (1966: 664, as STROMBOPHORINI) and was not rejected by an author who, between 1961 and 1999, applied Article 13 of the then current edition of the Code (see Art. 13.2.1).

- SPHAEROTRYPINI Murayama, 1963: 66 [stem: *Sphaerotryp*-.]. Type genus: *Sphaerotrypes* Blandford, 1894.

Tribe DRYOCOETINI Lindemann, 1877

- DRYOCOETOIDEAE Lindemann, 1877: 165 [stem: *Dryocoet*-.]. Type genus: *Dryocoetes* Eichhoff, 1864 [placed on the Official List of Generic Names in Zoology (ICZN 1979b)].

- THAMNURGINAE Nüsslin, 1911: 377 [stem: *Thamnurg*-.]. Type genus: *Thamnurgus* Eichhoff, 1864.

- TAPHRORYCHINI Reitter, 1913c: 29 [stem: *Taphrorych*-.]. Type genus: *Taphrorychus* Eichhoff, 1878.

Tribe HEXACOLINI Eichhoff, 1878

- CTENOPHORIDAE Chapuis, 1869: 49 [stem: *Ctenophor*-.]. Type genus: *Ctenophorus* Chapuis, 1869 [preoccupied genus name, not *Ctenophorus* Fitzinger, 1843 [Reptilia]; syn. of *Scolytodes* Ferrari, 1867]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

- HEXACOLIDAE Eichhoff, 1878: 306 [stem: *Hexacol*-.]. Type genus: *Hexacolus* Eichhoff, 1868. Comment: First Revisers found (PROBLECHILINI Eichhoff, 1878 vs HEXACOLINI Eichhoff, 1878) are Alonso-Zarazaga and Lyal (2009: 58).

PROBLECHILIDAE Eichhoff, 1878: 167 [stem: *Problechil*-.] Type genus: *Problechilus* Eichhoff, 1878.

ERINEOPHILIDES Hopkins, 1902: 37 [stem: *Erineophil*-.] Type genus: *Erineophilus* Hopkins, 1902.

Tribe HYLASTINI LeConte, 1876

HYLASTES J. L. LeConte, 1876: 387 [stem: *Hylast*-.] Type genus: *Hylastes* Erichson, 1836.

HYLURGOPINA Balachowsky, 1949: 122 [stem: *Hylurgop*-.] Type genus: *Hylurgops* J. L. LeConte, 1876.

Tribe HYLESININI Erichson, 1836

HYLESINEN Erichson, 1836: 46 [stem: *Hylesin*-.] Type genus: *Hylesinus* Fabricius, 1801. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form by Shuckard (1839b: 63, as HYLESINIDAE), generally accepted as in Alonso-Zarazaga and Lyal (2009: 63, as HYLESININI); incorrect original stem formation, not in prevailing usage.

PHLOETRUPIDES Lacordaire, 1865: 370 [stem: *Phloeotrup*-.] Type genus: *Phloeotrupes* Erichson, 1836. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Chapuis (1869: 11, as PHLOETRUPIDAE).

PHLOEOBORI Blandford, 1893: 426 [stem: *Phloeobor*-.] Type genus: *Phloeoborus* Erichson, 1836.

DACTYLIPALPI Blandford, 1893: 426 [stem: *Dactylipalp*-.] Type genus: *Dactylipalpus* Chapuis, 1869.

ALNIPHAGINI Murayama, 1963: 29 [stem: *Alniphag*-.] Type genus: *Alniphagus* Swaine, 1918.

Tribe HYLURGINI Gistel, 1848

HYLURGIDAE Gistel, 1848: [6] [stem: *Hylurg*-.] Type genus: *Hylurgus* Latreille, 1806. Comment: status resurrected by Alonso-Zarazaga and Lyal (2009: 69).

DENDROCTONIDES Nüsslin, 1912: 278 [stem: *Dendrocton*-.] Type genus: *Dendroctonus* Erichson, 1836 [placed on the Official List of Generic Names in Zoology (ICZN 1963a)].

XYLECHINIDES Nüsslin, 1912: 281 [stem: *Xylechin*-.] Type genus: *Xylechinus* Chapuis, 1869.

TOMICINI Wood, 1978: 118, in key [stem: *Tomic*-.] Type genus: *Tomicus* Latreille, 1802 [placed on the Official List of Generic Names in Zoology (ICZN 1963a)]. Comment: the older name TOMICIDAE Shuckard, 1839 was based on misidentified type genus (see Alonso-Zarazaga and Lyal 2009); an application will be submitted by MAAZ and CHCL to the Commission to suppress TOMICIDAE Shuckard, 1839 for the Principles of Priority and Homonymy (Art. 65.2.1).

Tribe HYORRHYNCHINI Hopkins, 1915

HYORRHYNCHINAE Hopkins, 1915: 225, in key [stem: *Hyorrhynch-*]. Type genus: *Hyorrhynchus* Blandford, 1894.

*SUEINAE Murayama, 1959: 26 [stem: *Sue-*]. Type genus: *Sueus* Murayama, 1951. Comment: unavailable (Art. 13.1); proposed after 1930 without description or bibliographic reference to such a description.

HYORRHYNCHINI Murayama, 1963: 62 [stem: *Hyorrhynch-*]. Type genus: *Hyorrhynchus* Blandford, 1894. Comment: family-group name proposed as new without reference to HYORRHYNCHINAE Hopkins, 1915.

SUEINAE Murayama, 1963: 4 [stem: *Sue-*]. Type genus: *Sueus* Murayama, 1951.

Tribe HYPOBORINI Nüsslin, 1911

HYPOBORINAE Nüsslin, 1911: 376 [stem: *Hypobor-*]. Type genus: *Hypoborus* Erichson, 1836.

CHAETOPHLOEINI Schedl, 1966: 361 [stem: *Chaetophloe-*]. Type genus: *Chaetophloeus* J. L. LeConte, 1876.

Tribe IPINI Bedel, 1888

TOMICIDAE Shuckard, 1839b: 64 [stem: *Tomic-*]. Type genus: *Tomicus* sensu Shuckard, 1839 [not *Tomicus* Latreille, 1802; syn. of *Ips* DeGeer, 1775]. Comment: based on a misidentified type genus (see Alonso-Zarazaga and Lyal 2009); see also TOMICINI Wood, 1978; an application will be submitted by MAAZ and CHCL to the Commission to suppress TOMICIDAE Shuckard, 1839 for the Principles of Priority and Homonymy (Art. 65.2.1).

IPINI Bedel, 1888: 386 [stem: *Ip-*]. Type genus: *Ips* DeGeer, 1775. Comment: an application needs to be submitted to the Commission to suppress IPINI Latreille, 1802 (based on the misidentified type genus *Ips* sensu Latreille, 1802) for the Principles of Priority and Homonymy (Art. 65.2.1) to conserve this name as valid.

PITYOGENINA Balachowsky, 1949: 244 [stem: *Pityogen-*]. Type genus: *Pityogenes* Bedel, 1888.

Tribe MICRACIDINI LeConte, 1876

MICRACIDES J. L. LeConte, 1876: 367 [stem: *Micracid-*]. Type genus: *Micracis* J. L. LeConte, 1868. Comment: incorrect original stem formation, not in prevailing usage; stem corrected by Alonso-Zarazaga and Lyal (2009: 81).

HYLOCURIDAE Eichhoff, 1878: 298 [stem: *Hylocur-*]. Type genus: *Hylocurus* Eichhoff, 1872.

Tribe PHLOEOSININI Nüsslin, 1912

PHLOEOSINIDES Nüsslin, 1912: 289 [stem: *Phloeosin-*]. Type genus: *Phloeosinus* Chapuis, 1869 [placed on the Official List of Generic Names in Zoology (ICZN 1981a)].

- *DENDROSININI Nunberg, 1967: 314 [stem: *Dendrosin-*]. Type genus: *Dendrosinus* Chapuis, 1869. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

Tribe PHLOEOTRIBINI Chapuis, 1869

PHLOEOTRIBIDAE Chapuis, 1869: 42 [stem: *Phloeotrib-*]. Type genus: *Phloeotribus* Latreille, 1797 [placed on the Official List of Generic Names in Zoology (ICZN 1979a)].

PHTHOROPHLOEIDES Nüsslin, 1912: 289 [stem: *Phthorophloe-*]. Type genus: *Phthorophloeus* Rey, 1885.

Tribe PHRIXOSOMATINI Wood, 1978

PHRIXOSOMINI Wood, 1978: 118, in key [stem: *Phrixosomat-*]. Type genus: *Phrixosoma* Blandford, 1897. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Alonso-Zarazaga and Lyal (2009: 91).

Tribe POLYGRAPHINI Chapuis, 1869

POLYGRAPHIDAE Chapuis, 1869: 48 [stem: *Polygraph-*]. Type genus: *Polygraphus* Erichson, 1836.

CARPHOBORINAE Nüsslin, 1911: 376 [stem: *Carphobor-*]. Type genus: *Carphoborus* Eichhoff, 1864.

Tribe PREMNOBIINI Browne, 1962

PREMNOBIINI Browne, 1962: 80 [stem: *Premnobi-*]. Type genus: *Premnobius* Eichhoff, 1878. Comment: family-group name available (Art. 13.1.2): description by indication (distinguishing characters given in Browne (1961)).

Tribe SCOLYTINI Latreille, 1804

SCOLITARIИ Latreille, 1804c: 156 [stem: *Scolyt-*]. Type genus: *Scolytus* Geoffroy, 1762 [placed on the Official List of Generic Names in Zoology (ICZN 1963b)]. Comment: name placed on the Official List of Family-Group Names in Zoology (ICZN 1963b, as SCOLYTIDAE Westwood, 1838); incorrect original stem formation, not in prevailing usage.

ECCOPTOGASTRIDAE Gistel, 1848: [6] [stem: *Eccoptogastr-*]. Type genus: *Ekkoptogaster* Herbst, 1793 [as *Eccoptogaster*, incorrect subsequent spelling of type genus name by Gyllenhal (1813), not in prevailing usage; *Ekkoptogaster* Herbst, 1793 and *Eccoptogaster* Erichson, 1836 placed on the Official Index of Rejected and Invalid Genus-Group Names in Zoology (ICZN 1963b); syn. of *Scolytus* Geoffroy, 1762]. Comment: permanently invalid (Art. 39): based on suppressed type genus; ECCOPTOGASTERINAE Trédl, 1907 and ECCOPTOGASTERINI Reitter, 1906 placed on the Index of Rejected and Invalid Family-Group names in Zoology (ICZN 1963b).

CAMPTOCÉRIDES Lacordaire, 1865: 366 [stem: *Camptocer*-.] Type genus: *Camptocerus* Dejean, 1821. Comment: original vernacular name available (Art. 11.7.2): first used in latinized form and generally accepted as in Chapuis (1869: 49, as CAMPTOCERIDAE).

MINULINI Reitter, 1913c: 12 [stem: *Minul*-.] Type genus: *Minulus* Eggers, 1912.

Tribe SCOLYTOPLATYPODINI Blandford, 1893

SCOLYTOPLATYPINI Blandford, 1893: 428 [stem: *Scolytoplatypod*-.] Type genus: *Scolytoplatypus* C. Schaufuss, 1891. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Blandford (1895: 84).

TAENIOCERINI Blandford, 1893: 428 [stem: *Taeniocer*-.] Type genus: *Taeniocerus* Blandford, 1893 [preoccupied genus name, not *Taeniocerus* Kaup, 1871 [Coleoptera: PASSALIDAE]; syn. of *Scolytoplatypus* C. Schaufuss, 1891]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SPONGOCERINAE Hagedorn, 1909: 163 [stem: *Spongocer*-.] Type genus: *Spongocerus* Blandford, 1893.

Tribe XYLEBORINI LeConte, 1876

XYLEBORI J. L. LeConte, 1876: 358 [stem: *Xylebor*-.] Type genus: *Xyleborus* Eichhoff, 1864 [placed on the Official List of Generic Names in Zoology (ICZN 1968a)].

WEBBINAE Hopkins, 1915: 224, in key [stem: *Webbi*-.] Type genus: *Webbia* Hopkins, 1915. Comment: incorrect original stem formation, not in prevailing usage.

*ECCOPTOPTERINA Browne, 1961: 49 [stem: *Eccoptopter*-.] Type genus: *Eccoptopterus* Motschulsky, 1863. Comment: unavailable (Art. 13.1): proposed after 1930 without description or bibliographic reference to such a description.

Tribe XYLOCTONINI Eichhoff, 1878

XYLOCTONIDAE Eichhoff, 1878: 171 [stem: *Xylocton*-.] Type genus: *Xyloctonus* Eichhoff, 1872.

Tribe XYLOTERINI LeConte, 1876

XYLOTERI J. L. LeConte, 1876: 356 [stem: *Xyloter*-.] Type genus: *Xyloterus* Erichson, 1836.

*TRYPODENDRINAE Trédl, 1907: 70 [stem: *Trypodendr*-.] Type genus: *Trypodendron* Stephens, 1830. Comment: family-group name unavailable (Art. 11.7.1.1): not based on a genus used as valid at the time.

TRYPODENDRINA Nunberg, 1954: 16 [stem: *Trypodendr*-.] Type genus: *Trypodendron* Stephens, 1830.

Subfamily PLATYPODINAE Shuckard, 1839

PLATYPODIDAE Shuckard, 1839b: 64 [stem: *Platypod*-.] Type genus: *Platypus* Herbst, 1793.

Tribe MECOPELMINI Thompson, 1992

*MECOPELMINI Wood, 1966: 45 [stem: *Mecopelm*-.]. Type genus: *Mecopelmus* Blackman, 1944. Comment: unavailable (Art. 13.1); proposed after 1930 without description or bibliographic reference to such a description.

MECOPELMINAE Thompson, 1992: 873, in key [stem: *Mecopelm*-.]. Type genus: *Mecopelmus* Blackman, 1944.

Tribe PLATYPODINI Shuckard, 1839

PLATYPODIDAE Shuckard, 1839b: 64 [stem: *Platypod*-.]. Type genus: *Platypus* Herbst, 1793.

CROSSOTARSARIAE H. Strohmeier, 1914: 19 [stem: *Crossotars*-.]. Type genus: *Crossotarsus* Chapuis, 1865.

Tribe SCHEDLARIINI Wood and Bright, 1992

CHAPUISIIDES Blandford, 1895: 89 [stem: *Chapuisi*-.]. Type genus: *Chapuisia* Dugès, 1886 [preoccupied genus name, not *Chapuisia* Duvivier, 1885 [Coleoptera: CHRYSOMELIDAE]; syn. of *Schedlarius* Wood, 1957]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

SCHEDLARINI Wood and Bright, 1992: 1087 [stem: *Schedlari*-.]. Type genus: *Schedlarius* Wood, 1957. Comment: replacement name for CHAPUISIIDES Blandford, 1895 because of the homonymy of the type genus; incorrect original stem formation, not in prevailing usage; correction of stem and transfer to PLATYPODINAE by Alonso-Zarazaga and Lyal (2009: 17).

Tribe TESSEROCERINI Strohmeier, 1914

TESSEROCERINAE H. Strohmeier, 1914: 19 [stem: *Tesserocer*-.]. Type genus: *Tesserocer* Saunders, 1836. Comment: precedence (TESSEROCERINI H. Strohmeier, 1914 vs DIAPODINI Strohmeier, 1914) given to taxon originally proposed at the higher rank (Art. 24.1).

Subtribe DIAPODINA Strohmeier, 1914

DIAPODARIAE H. Strohmeier, 1914: 19 [stem: *Diapod*-.]. Type genus: *Diapus* Chapuis, 1865.

GENYOCERINAE Hopkins, 1915: 225, in key [stem: *Genyocer*-.]. Type genus: *Genyocer* Motschulsky, 1858.

Subtribe TESSEROCERINA Strohmeier, 1914

TESSEROCERINAE H. Strohmeier, 1914: 19 [stem: *Tesserocer*-.]. Type genus: *Tesserocer* Saunders, 1836. Comment: precedence (TESSEROCERINA H. Strohmeier, 1914 vs CENOCEPHALINA Strohmeier, 1914) given to taxon originally proposed at the higher rank (Art. 24.1).

SYMMERARIAE H. Strohmeier, 1914: 19 [stem: *Symmer*-.]. Type genus: *Symmer* Chapuis, 1865 [preoccupied genus name, not *Symmerus* Walker,

1848 [Diptera]; syn. of *Chaetastus* Nunberg, 1953]. Comment: permanently invalid (Art. 39): based on preoccupied type genus.

CENOCEPHALARIAE H. Strohmeier, 1914: 19 [stem: *Cenocephal-*]. Type genus: *Cenocephalus* Chapuis, 1865.

PLATYTARSILIDAE Schedl, 1939: 387 [stem: *Platytarsul-*]. Type genus: *Platytarsulus* Schedl, 1935. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Wood and Bright (1992: 1084).

PERIOMATINI Schedl, 1939: 397, in key [stem: *Periommat-*]. Type genus: *Periommatus* Chapuis, 1865 [as *Periomatus*, incorrect subsequent spelling of type genus name, not in prevailing usage]. Comment: incorrect original stem formation, not in prevailing usage; correction of stem by Schedl (1972: 249).

PLATYPICERINAE Nunberg, 1953: 44 [stem: *Platypicer-*]. Type genus: *Platypicerus* Nunberg, 1953.

Coleoptera incertae sedis

HOMOEOPLASTIDAE Gistel, 1856a: 360. Type genus: *Homoeoplastus* Gistel, 1856 [Gistel includes three species in his new genus, none of which are described in his work nor attributed to authors as having been described previously; we therefore consider *Homoeoplastus* unavailable]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name.

PLOCASTEIDAE Gistel, 1856a: 365. Type genus: *Plocastes* Gistel, 1856 [the only species originally included in *Plocastes* is *scaraboides*; Gistel does not mention the author of the species name, nor does he describe the taxon, we therefore consider *Plocastes* as unavailable]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name.

SERRATOPALPIDAE Gistel, 1856a: 384. Type genus: *Serratopalpus* Gistel, 1856 [*Serratopalpus helwigii* was the only species originally included in *Serratopalpus*; this new species was not described in Gistel's original paper therefore the genus name is considered unavailable]. Comment: family-group name unavailable (Art. 11.7.1.1): not based on an available genus name.

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References

As mentioned in the *Format of the catalogue and conventions used* section, we have tried to find the most accurate date of publication (given in square brackets) for works cited in the manuscript. As outlined under Art. 21 of the Code, the date to be adopted as the date of publication of a work (and of a contained name or nomenclatural act) is to be determined as follows: if a date of publication is specified in a work it is to be adopted as correct in the absence of evidence to the contrary, if a specific date of publication is not mentioned in the work then the date to be adopted is the last day of the month (when month and year, but not day, are specified) or the last day of the year (when only the year is specified). When the date of publication was not specified within the original work or its containing volume, we tried to obtain the time frame of its appearance as follows: a date cited within an article (such as in the Preface or the submitted or approval date, etc.) indicates that the article was published after that date, while dates of receipt at various libraries, societies, bibliographers and reviewers provide the latest possible date of its publication. To conserve space in discussions on dates of publication, we have used only the first three letters of each month and the following abbreviations:

- Acad. Sci. France = Académie des Sciences de France (Comptes Rendus Hebdomadaires des Séances)
 Allgem. Bibliogr. Deutschl. = Allgemeine Bibliographie für Deutschland
 Allgem. Bibliogr. Monatl. Verz. = Allgemeine Bibliographie. Monatliches Verzeichniss der wichtigern neuen Erscheinungen der deutschen und ausländischen Literatur
 Allgem. Lit. Zeit. = Allgemeine Literatur-Zeitung
 Ann. Mag. Nat. Hist. = The Annals and Magazine of Natural History
 Ann. Sci. Phys. Nat. Agr. Ind. Lyon = Annales des Sciences Physiques et Naturelles, d'Agriculture et d'Industrie (Lyon)
 Ann. Soc. Agr. Hist. Nat. Arts Utiles Lyon = Annales de la Société d'Agriculture, Histoire Naturelle et Arts Utiles de Lyon
 Ann. Soc. Ent. Belg. = Annales de la Société Entomologique de Belgique
 Ann. Soc. Ent. Belg., Comptes-Rendus = Comptes-Rendus des Séances de la Société Entomologique de Belgique
 Ann. Soc. Ent. France = Annales de la Société Entomologique de France
 Ann. Soc. Ent. France: Bull. Ent. = Annales de la Société Entomologique de France, Bulletin Entomologique
 Ann. Soc. Ent. France: Bull. Bibliogr. = Annales de la Société Entomologique de France, Bulletin Bibliographique
 Ann. Soc. Imp. Agr. Hist. Nat. Arts Utiles Lyon = Annales de la Société d'Agriculture, Histoire Naturelle et Arts Utiles de Lyon
 Ann. Soc. Linn. Lyon = Annales de la Société Linnéenne de Lyon
 Annuaire Ent. = Annuaire Entomologique (Caen, par A. Fauvel)

- Arch. Nat. Hist. = Archives of Natural History
 Arch. Naturg. = Archiv für Naturgeschichte
 Berl. Ent. Zeitschr. = Berliner Entomologische Zeitschrift
 Bibliogr. France = Bibliographie de la France
 Bibliogr. Ital. = Bibliografia Italiana
 Biblioth. Hist.-nat. = Bibliotheca Historico-naturalis Physico-chemica et Mathematica
 Brit. Critic = The British Critic
 Bull. Acad. Imp. Sci. St.-Petersbourg = Bulletin de l'Académie Impériale des Sciences de St.-Petersbourg
 Bull. Bibliogr. Sci. Phys. = Bulletin Bibliographique des Sciences Médicales, Naturelles et Physiques
 Bull. Sci. Nat. Géol. = Bulletin des Sciences Naturelles et de Géologie
 Bull. Soc. Ent. France = Bulletin de la Société Entomologique de France
 Bull. Soc. Imp. Nat. Moscou = Bulletin de la Société Impériale des Naturalistes de Moscou
 Bull. Soc. Linn. Norm. = Bulletin de la Société Linnéenne de Normandie
 Cat. Ann. Libr. France = Catalogue Annuel de la Librairie Française (Paris, par C. Reinwald)
 Compte-Rendu Soc. Roy. Belg. Géogr. = Compte-Rendu des Actes de la Société Royale Belge de Géographie
 Deut. Ent. Zeits. = Deutsche Entomologische Zeitschrift
 Edinb. Rev. = The Edinburgh Review, or Critical Journal
 Ent. Bericht. = Entomologische Berichten uitgegeven door de Nederlandsche Entomologische Vereeniging
 Ent. Litteraturbl. = Entomologische Litteraturblätter, Repertorium der neuesten Arbeiten auf dem Gesamtgebiet der Entomologie (by Friedländer)
 Ent. Mon. Mag. = The Entomologist's Monthly Magazine
 Ent. Mag. = The Entomological Magazine
 Ent. Nachr. = Entomologische Nachrichten
 Ent. News = Entomological News
 Ent. Record = The Entomologist's Record and Journal of Variation
 Ent. Zeit. Stettin = Entomologische Zeitung (Stettin)
 Foreign Quart. Rev. = The Foreign Quarterly Review
 Kongel. Danske Vidensk. Selsk. Skrifter = Det Kongelige Danske Videnskabernes Selskabs Skrifter
 Intell.-Blatt Allgem. Lit. = Intelligenz-Blatt der Allgemeine Literatur-Zeitung
 Intell.-Blatt Serap. = Intelligenz-Blatt zum Serapeum
 Jour. Nat. Hist. = Journal of Natural History
 Jour. Proc. Ent. Soc. London = Journal of the Proceedings of the Entomological Society of London
 Jour. Gén. Litt. France = Journal Général de la Littérature de France
 Leipz. Repert. = Leipziger Repertorium der deutschen und ausländischen Literatur
 Literar. Zeit. = Literarische Zeitung

- Literar. Centrbl. = Literarisches Centralblatt für Deutschland
 Literary Gazette = The Literary Gazette, and Journal of the Belles Lettres
 London Rev. = The London Review, and Literary Journal
 Mag. Nat. Hist. = The Magazine of Natural History and Journal of Zoology, Botany, Mineralogy, Geology, and Meteorology
 Mem. R. Accad. Sci. Torino = Memorie della Reale Accademia delle Scienze di Torino
 Mém. Acad. Sci. Belles-lettres Lyon. Cl. Sci. = Mémoires de l'Académie des Sciences, Belles-lettres et Arts de Lyon: Classe des Sciences
 Mém. Prés. Acad. Imp. Sci. St. Pétersbourg = Mémoires Présentés à l'Académie Impériale des Sciences de St. Pétersbourg par Divers Savans et Lus dans ses Assemblées
 Mém. Soc. Roy. Sci. Liège = Mémoires de la Société Royale des Sciences de Liège
 Monthly Cat. U. S. Govt. Publ. = Monthly Catalogue of United States Government Publications
 Nederl. Ent. Ver. = Nederlandsche Entomologische Vereeniging
 New Zeal. Parl. Debates = New Zealand, Parliamentary Debates
 Neues Allgem. Repert. = Neues Allgemeines Repertorium der neuesten in- und ausländischen Literatur
 Öfvers. K. Vetensk.-Akad. Förh. = Öfversigt af Kongliga Vetenskaps-AKADEMIENS Förhandlingar
 Opusc. Ent. = Opusculs Entomologiques
 Petites Nouv. Ent. = Petites Nouvelles Entomologiques
 Proc. Acad. Nat. Sci. Philad. = Proceedings of the Academy of Natural Sciences of Philadelphia
 Proc. Amer. Philos. Soc. = Proceedings of the American Philosophical Society
 Proc. Ent. Soc. London = Proceedings of the Entomological Society of London
 Proc.-Verb. Soc. Agr. Hist. Nat. Arts Utiles Lyon = Procès-Verbaux de la Société d'Agriculture, Histoire Naturelle et Arts Utiles de Lyon
 Rép. Trav. Soc. Stat. Mars. = Répertoire des Travaux de la Société de Statistique de Marseille
 Rev. Ent. = Revue Entomologique (Silbermann)
 Rev. d'Ent. = Revue d'Entomologie (Caen)
 Rev. Gén. Sci. = Revue Générale des Sciences Pures et Appliquées
 Rev. Zool. = Revue Zoologique
 Sitzber. Ges. Naturf. Freunde Berlin = Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin
 Sitzber. Königl. Bayer. Akad. Wiss. Münch. = Sitzungsberichte der Königl. Bayerischen Akademie der Wissenschaften zu München
 Tijdschr. Ent. = Tijdschrift voor Entomologie
 Trans. Ent. Soc. London = The Transactions of the Entomological Society of London
 Trans. Roy. Soc. New Zeal. = Transactions of the Royal Society of New Zealand
 Verh. Naturf. Ver. Brünn = Verhandlungen des Naturforschenden Vereines in Brünn
 Verh. Zool.-Bot. Ges. Wien = Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien

Wien. Ent. Zeit. = Wiener Entomologische Zeitung
 Wien. Ent. Monatschr. = Wiener Entomologische Monatschrift
 Zeitschr. Ver. Naturb. = Zeitschrift des Vereines der Naturbeobachter, Wien
 Zool. Anz. = Zoologischer Anzeiger
 Zool. Anz., Bibliogr. Zool. = Bibliographia Zoologica, diario Zoologischer Anzeiger
 adnexa
 Zool. Jahresber. = Zoologischer Jahresbericht
 Zool. Record = The Zoological Record
 Zoologist = The Zoologist: a Popular Miscellany of Natural History
 BMNH = The Natural History Museum [formerly British Museum (Natural History)], London, United Kingdom
 CNC = Canadian National Collection of Insects, Arachnids and Nematodes, Ottawa, Canada
 CUL = Cornell University Library, Ithaca, USA
 FMNH = Field Museum of Natural History, Chicago, USA
 MCZ = Harvard University, Museum of Comparative Zoology, Cambridge, USA
 NRCL = National Resources Canada Library (Earth Sciences), Ottawa, Canada
 USNM = National Museum of Natural History, [formerly, United States National Museum], Washington D.C., USA

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Appendix I

Conservation of younger names using Reversal of Precedence (Art. 23.9). Cases listed in alphabetical order by family.

CARABIDAE

Supporting references for the conservation of PERIGONINI Horn, 1881 over TRECHICINI Bates, 1873 (Art. 23.9.2). The taxon name TRECHICINI Bates, 1873 has not been used as valid after 1899 to our knowledge.

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Appendix 2

Coleoptera family-group name changes required based on the Principle of Priority. The action that has been taken to fix the problem, or recommendation for future work, is mentioned for each case. Cases listed in alphabetical order by family.

Family	Change from:	Change to:	Action	Reference
ADERIDAE	ADERIDAE/-INI Csiki, 1909	EUGLENESIDAE/-INI Seidlitz, 1875	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1989e)
ANTHRIBIDAE	ANTHRIBIDAE Billberg, 1820	CHORAGIDAE Kirby, 1819	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1994b)
BRENTIDAE	ACRATINA Alonso-Zarazaga et al., 1999	NEMOCEPHALINA Lacordaire, 1865	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
BRENTIDAE	PSEUDOCEOCEPHALINA Kleine, 1922	UROPTERINA Jakobson, 1911	An application to the Commission is needed to conserve usage of the well-established name PSEUDOCEOCEPHALINA Kleine, 1922	
BRENTIDAE	PSEUDOCEOCEPHALINA Kleine, 1922	CEOCEPHALINA Lacordaire, 1865	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
BUPRESTIDAE	CHALCOPHORINA Lacordaire, 1857	ANAGLYPTINA Gistel, 1848	Use of younger name conserved (Art. 40.2)	this paper
CALLIRHIPIDAE	CALLIRHIPIDAE Emden, 1924	ZENOIDAE LeConte, 1866	An application to the Commission is needed to conserve usage of the well-established name CALLIRHIPIDAE Emden, 1924	
CANTHARIDAE	CANTHARIDAE/-INAE/-INI Imhoff, 1856	TELEPHORIDAE/-NAE/-INI Leach, 1815	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
CARABIDAE	ANISODACTYLINA Lacordaire, 1854	EURYTRICHINA LeConte, 1847	Use of younger name conserved (Art. 23.9.2)	this paper
CARABIDAE	HARPALINAE Bonelli, 1810	GRAPHIPTERINAE Latreille, 1802	Use of younger name conserved (Art. 35.5)	this paper

Family	Change from:	Change to:	Action	Reference
CARABIDAE	HEXAGONINI Horn, 1881	TRIGONODACTYLINI Brullé, 1834	Use of younger name conserved (Art. 40.2)	this paper
CARABIDAE	IRESINA Rivalier, 1971	EUPROSOPINA Horn, 1893	An application to the Commission is needed to conserve usage of the well-established name IRESINA Rivalier, 1971	
CARABIDAE	IRESINA Rivalier, 1971	EUCALLINA Horn, 1893	An application to the Commission is needed to conserve usage of the well-established name IRESINA Rivalier, 1971	
CARABIDAE	IRESINA Rivalier, 1971	DISIPSIDERINA Horn, 1893	An application to the Commission is needed to conserve usage of the well-established name IRESINA Rivalier, 1971	
CARABIDAE	PERIGONINI Horn, 1881	TRICHICINI Bates, 1873	Use of younger name conserved (Art. 23.9.2)	this paper
CARABIDAE	SALCEDINI/-INA Alluaud, 1930	ZELMINI/-INA Andrewes, 1929	Use of younger name conserved (Art. 40.2)	this paper
CERAMBYCIDAE	EURYPODINI Gahan, 1906	ZARACINI Lacordaire, 1868	Use of younger name conserved (Art. 40.2)	this paper
CERAMBYCIDAE	HEMILOPHINI Thomson, 1868	AMPHIONYCHINI Thomson, 1860	Older name treated as a <i>nomen oblitum</i>	Bousquet et al. (2009)
CERAMBYCIDAE	MACRONINI Lacordaire, 1868	ENCHOPTERINI Thomson, 1861	An application to the Commission is needed to conserve usage of the well-established name MACRONINI Lacordaire, 1868	Bousquet et al. (2009)
CERAMBYCIDAE	PSEUDOCEPHALINI Aurivillius, 1912	AMETROCEPHALINI Thomson, 1861	Use of younger name conserved (Art. 40.2)	
CERAMBYCIDAE	STENODERINI Pascoe, 1867	SYLLITINI Thomson, 1864	An application to the Commission is needed to conserve usage of the well-established name STENODERINI Pascoe, 1867	
CHRYSOMELIDAE	AMBLYCERNA Bridwell, 1932	SERMOPHAGINA Crotch, 1873	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	this paper
CHRYSOMELIDAE	BASIPRIONOTINI Gressitt, 1952	PRIOPTERINI Spaeth, 1914	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	BROMIINI Baly, 1865	ADOXINI Baly, 1863	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	BROMIINI Baly, 1865	HETERASPINI Baly, 1863	An application to the Commission is needed to conserve usage of the well-established name BROMIINI Baly, 1865	

Family	Change from:	Change to:	Action	Reference
CHRYSOMELIDAE	DORYNOTINI Montrós and Viana, 1949	BATONOTINI Spaeth, 1923	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	HEMISPHEROTINI Montrós and Viana, 1951	PORPHYRASPIDINI Spaeth, 1929	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	NOTHOSACANTHINI Gressitt, 1952	HOPLOTINI Spaeth, 1929	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	OEDIOPALPINI Montrós and Viana, 1947	AMPILPALPINI Weise, 1910	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	ODINI Laboissière, 1921	ADORIINI Chapuis, 1875	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	OMOCERINI Hincks, 1952	TAUROMINI Spaeth, 1923	Use of younger name conserved (Art. 40.2)	this paper
CHRYSOMELIDAE	SCHELOPOTINI Uhlmann, 1930	CEPHALODONTINI Gestro, 1906	An application to the Commission is needed to conserve usage of the well-established name SCHELOPOTINI Uhlmann, 1930	
CRYPTOPHAGIDAE	IPIDAE/-INAE/-INI Latreille, 1802	CRYPTOPHAGIDAE/-INAE/-INI Kirby, 1826	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	this paper
CURCULIONIDAE	ATERPINI/-INA Lacordaire, 1863	HELIONINI/-INA Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	BAGOTINI Thomson, 1859	LYPRINAE Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	GLEONINI Schönherr, 1826	GEOMORINI Schönherr, 1823	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	HYPERINAE/-INI Lacordaire, 1863	PHYTONOMINAE/-INI Gistel, 1848	Use of younger name conserved (Art. 40.2)	this paper
CURCULIONIDAE	MAGDALIDINI Pascoe, 1870	SCARDAMYCTINI Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	MESOPTILINAE Lacordaire, 1863	SCARDAMYCTINAE Gistel, 1848	Use of younger name conserved (Art. 35.5)	this paper
CURCULIONIDAE	NAUPACTINI Gistel, 1848	IPHINI Schönherr, 1823	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	SMICRONYCHINI Seidlitz, 1891	DESMORINI LeConte, 1876	Use of younger name conserved (Art. 23.9.2)	this paper
CURCULIONIDAE	TONESINA Alonso-Zarazaga and Lyal	LYTERINA Lacordaire, 1865	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	ZYGODARIDINA Pierce, 1907	CENTRININA Jekel, 1865	Use of younger name conserved because the older name is a junior homonym	Alonso-Zarazaga and Lyal (1999)

Family	Change from:	Change to:	Action	Reference
DASCILLOIDEA	DASCILLOIDEA/-IDAE/-INI Guérin-Méneville, 1843	ATOPOIDEA/-IDAE/-INAE/-INI Laporte, 1834	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
DASCILLOIDEA	DASCILLOIDEA Guérin-Méneville, 1843	RHIPICEROIDEA Latreille, 1834	Use of younger name conserved because relationships between DASCILLOIDEA and RHIPICERIDAE are uncertain	this paper
DERODONTOIDEA	DERODONTOIDEA LeConte, 1861	NOSODENDROIDEA Erichson, 1846	Use of younger name conserved (Art. 35.5)	this paper
DRYOPIDAE	DRYOPIDAE Billberg, 1820	PARNIDAE Leach, 1817	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
ELATERIDAE	AGRYPNINAE/-INI Candèze, 1857	ADELOCERINAE/-INI Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
ELATERIDAE	AGRYPNINAE/-INI Candèze, 1857	PANGAURINAE/-INI Gistel, 1856	Use of younger name conserved (Art. 23.9.2)	this paper
ELATERIDAE	AGRYPNINAE Candèze, 1857	OOPHORINAE GISTEL, 1848	Use of younger name conserved (Art. 35.5)	this paper
ELATERIDAE	DENTICOLLINAE/-INI/-INA Stein and Weise, 1877	CAMPYLINAE/-INI/-INA Gistel, 1848	Use of younger name conserved (Art. 40.2)	this paper
ELATERIDAE	HYPNODINI Schwarz, 1906	CRYPTOHYPNINI Candèze, 1860	Use of younger name conserved (Art. 40.2)	this paper
ELATERIDAE	MELANOTINI Candèze, 1859	CRATONYCHINI Gistel, 1848	Use of younger name conserved (Art. 40.2)	Sánchez-Ruiz (1996)
ELATERIDAE	PROSTERNINI Gistel, 1856	DIACANTHINI Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
ELATERIDAE	THYLACOSTERNINAE Fleutiaux, 1920	PTEROTARSINAE Fleutiaux, 1902	An application to the Commission will be submitted by J. Muona and H. Silfverberg (pers. comm. 2010) to conserve usage of the well- established name THYLACOSTERNINAE Fleutiaux, 1920	
ELATEROIDEA/-IDAE	ELATEROIDEA/-IDAE Leach, 1815	CEBRIONOIDEA/-IDAE Latreille, 1802	An application to the Commission will be sent to conserve usage of the well-established names ELATEROIDEA/-IDAE Leach, 1815	P.J. Johnson (in Lawrence and Newton 1995, pers. comm. 2009)

Family	Change from:	Change to:	Action	Reference
EROTYLIDAE	ENCAUSTINI Crotch, 1876	ENGIDINI MacLeay, 1825	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
EUCNEMIDAE	EUCNEMIDAE Eschscholtz, 1829	MELASIDAE Fleming, 1821	An application to the Commission has been sent to conserve usage of the well-established name EUCNEMIDAE Fleming, 1821	see Appendix 6
GYRINIDAE	ENHYDRINI Régimbart, 1882	DINEUTINI DESMAREST, 1851	Use of younger name conserved (Art. 35.5)	this paper
HYDROPHILIDAE	COILOSTOMATINI Heyden, 1891	CYCLONOTINI Horn, 1890	Use of younger name conserved (Art. 40.2)	Hansen (1991)
HYGROBIIDAE	HYGROBIIDAE Régimbart, 1879	PELOBIINAE Erichson, 1837	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
LATRIDIIDAE	LATRIDIIDAE Erichson, 1842	CORTICARIIDAE Curtis, 1829	An application to the Commission was submitted by Bousquet et al. (2010) to conserve usage of the well-established name LATRIDIIDAE Erichson, 1842	
LEIODIDAE	CATOPOCERINAE/-INI Hatch, 1927	PINODYTINAE/-INI Horn, 1880	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
LEIODIDAE	COLONINAE Horn, 1880	MYLOECHINAE Thomson, 1859	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
LEIODIDAE	LEPTODIRINI/-INA Lacordaire, 1854	STAGOBIRINI/-INA Schiodte, 1849	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
LEPICEROIDEA	LEPICEROIDEA/-IDAE Hinton, 1936	CYATHOCEROIDEA/-IDAE Sharp, 1882	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
LYMEXYLOIDEA	LYMEXYLOIDEA/-IDAE Fleming, 1821	HYLECOFTOIDEA/-IDAE Germar, 1818	Use of younger name conserved (Art. 35.5)	this paper
MELANDRYIDAE	OSPHYINAE Mulsant, 1856	NOTHINAE Shuckard, 1839	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)

Family	Change from:	Change to:	Action	Reference
MELOIDAE	EPICAUTINI Parker and Böving, 1924	MACROBASINI LeConte, 1862	An application to the Commission is needed to conserve usage of the well-established name EPICAUTINI Parker and Böving, 1924	
MELOIDAE	EPICAUTINI Parker and Böving, 1924	APTEROSPASTINI Wellman, 1910	An application to the Commission is needed to conserve usage of the well-established name EPICAUTINI Parker and Böving, 1924	
MELOIDAE	LYTTINI Solier, 1851	CANTHARINI Latreille, 1802	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
MELOIDAE	MELOIDAE Gyllenhal, 1810	HORIDAE Latreille, 1802	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1999c)
MELOIDAE	MELOIDAE/-INAE Gyllenhal, 1810	CANTHARIDAE/-INAE Latreille, 1802	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
MELOIDAE	NEMOGNATHINAE Laporte, 1840	HORINAE Latreille, 1802	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1999c)
NEMONYCHIDAE	NEMONYCHIDAE Bedel, 1882	CIMBERIDIDAE Gozis, 1882	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (2005c)
OEDMERIDAE	CALOPODINAE Costa, 1852	SPAREDRINAE Gistel, 1848	Use of younger name conserved (Art. 23.9.2)	this paper
PSEPHINIDAE	PLACONYCHINAE Horn, 1880	EUBRIANACINAE Jakobson, 1913	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
PTILIIDAE	ACROTRICHINAE Reitter, 1909	CLEOPTERINAE Gistel, 1856	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)
PTILIIDAE	PTINELLINI Reitter, 1906	NEUGLENINI Reitter, 1891	Use of younger name conserved (Art. 40.2)	this paper
PTILODACTYLIDAE	ANCHYTARSINAE Champion, 1897	COLOBODERINAE Erickson, 1847	An application to the Commission is needed to conserve usage of the well-established name ANCHYTARSINAE Champion, 1897	

Family	Change from:	Change to:	Action	Reference
RIPIPHORIDAE	MACROSIAGONINI Heyden, 1908	RIPIPHORINI Laporte, 1840	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
RIPIPHORIDAE	RIPIPHORIDAE/-INAE/-INI Gemminger, 1870	MYODITIDAE/-INAE/-INI Gerstaecker, 1855	Use of younger name conserved (Art. 40.2)	Lawrence and Newton (1995)
SCARABAEIDAE	ANOMALINI/-INA Streubel, 1839	EUCHLORINI/-INA Hope, 1839	Use of younger name conserved (Art. 23.9.2)	Smith (2006)
SCARABAEIDAE	CREMASTOCHILINI Burmeister and Schaum, 1841	MACROMINI Burmeister and Schaum, 1840	Use of younger name conserved (Art. 35.5)	Smith (2006)
SCARABAEIDAE	EUPARINI Schmidt, 1910	ATAENINI Harold, 1868	Use of younger name conserved (Art. 23.9.2)	Smith (2006)
SCARABAEIDAE	HETEROSTERNINA Bates, 1888	MACROPINNA Horn, 1867	Use of younger name conserved (Art. 23.9.2)	Smith (2006)
SCARABAEIDAE	ONTICELLINI Kolbe, 1905	DREPANOCERINA van Lansberge, 1875	Use of younger name conserved (Art. 35.5)	Smith (2006)
SCHIZOPHOROIDEA	SCHIZOPHOROIDEA Ponomarenko, 1968	SCHIZOCOLEOIDEA Rohdendorf, 1961	Use of younger name conserved (Art. 35.5)	this paper
SPHINDIDAE	SPHINDIDAE/-INAE Jacquelin Du Val, 1860	ASPIDIPHORIDAE/-INAE Kiesenwetter, 1877 (1859)	Ruled under the plenary power that the younger name is to be given precedence over the older name	ICZN (1997)
STAPHYLINIDAE	ASTENINA Hatch, 1857	SUNINA Sharp, 1886	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
STAPHYLINIDAE	ATHETINI/-INA Casey, 1910	CALLICERINI Jakobson, 1908	An application to the Commission was submitted by Gusarov to conserve usage of the well-established names ATHETINI/-INA Casey, 1910	
STAPHYLINIDAE	DOLICAONINA Casey, 1905	GNATHYMININA Solier, 1849	An application to the Commission is needed to conserve usage of the well-established name DOLICAONINA Casey, 1905	
STAPHYLINIDAE	EUSPHALERINI Hatch, 1957	ANTHOBIINI Portevin, 1929	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
STAPHYLINIDAE	GONIACERTIAE/-INI Reitter, 1882	GONIASTITAE/-INI Schaufuss, 1872	Use of younger name conserved (Art. 40.2)	Newton and Thayer (1992)

Family	Change from:	Change to:	Action	Reference
STAPHYLINIDAE	XANTHOLININI Erichson, 1839	AGRODINI Nordmann, 1837	Younger name given precedence over older names and placed on the Official List of Family-Group Names in Zoology	ICZN (1996c)
STAPHYLINIDAE	XANTHOLININI Erichson, 1839	GYROHYPINI Kirby, 1837	Younger name given precedence over older names and placed on the Official List of Family-Group Names in Zoology	ICZN (1996c)
STAPHYLINIDAE	XANTHOPYGNA Sharp, 1884	PLATYNEMINA Nordmann 1837	Younger name given precedence over older name and placed on the Official List of Family-Group Names in Zoology	ICZN (1996c)
TENEBRIONIDAE	ADELININA LeConte, 1862	ALPHITOPHAGINA Gistel, 1856	An application to the Commission is needed to conserve usage of the well-established name ADELININA LeConte, 1862	
TENEBRIONIDAE	ADESMINI Lacordaire, 1859	MEGAGENINI Solier, 1851	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2007)
TENEBRIONIDAE	ADESMINI Lacordaire, 1859	MACROPODINI Agassiz, 1846	Use of younger name conserved (Art. 23.9.2)	this paper
TENEBRIONIDAE	ALLECULINAE Laporte, 1841	CTENIOPODINAE Solier, 1835	Use of younger name conserved (Art. 35.5)	Bouchard et al. (2005)
TENEBRIONIDAE	ALLECULINAE/-INI Laporte, 1840	XYSTROPODINAE/-INI Solier, 1835	Use of younger name conserved (Art. 35.5)	Bouchard et al. (2005)
TENEBRIONIDAE	BOLITOPHAGINI Kirby, 1837	ELEDONINI Billberg, 1820	Use of younger name conserved (Art. 23.9.2)	this paper
TENEBRIONIDAE	CRYPTOGLOSSINI LeConte, 1862	CENTROPTERINI Lacordaire, 1859	Use of younger name conserved (Art. 23.9.2)	Aalbu (2006)
TENEBRIONIDAE	EPITRAGINI Blanchard, 1845	LYGOPHILINI Rafinesque, 1815	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2007)
TENEBRIONIDAE	ERODINI Billberg, 1820	CEPHACERINI Rafinesque, 1815	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2007)
TENEBRIONIDAE	LAGRIINAE Latreille, 1825	COSSYPHINAE Latreille, 1802	Use of younger name conserved because placement of older taxon uncertain	Bouchard et al. (2005)
TENEBRIONIDAE	LAGRIINAE/-INI/-INA Latreille, 1825	LACHNINAE/-INI/-INA Billberg, 1820	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)

Family	Change from:	Change to:	Action	Reference
TENEBRIONIDAE	MELANIMINI Seidlitz, 1894	MICROZOINI Mulsant, 1854	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)
TENEBRIONIDAE	PGNOCERINI Lacordaire, 1859	CHIROSCHELINI Laporte, 1840	Use of younger name conserved (Art. 23.9.2)	Bouchard et al. (2005)
TENEBRIONIDAE	STENOSINI Lacordaire, 1859	TAGENINI Solier, 1834	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)
TENEBRIONIDAE	TALANINI Champion, 1887	DIGNAMPITINI LeConte and Horn, 1883	Use of younger name conserved (Art. 40.2)	Bouchard et al. (2005)
THROSCIDAE	THROSCIDAE Laporte, 1840	STEREOLIDAE Rafinesque, 1815	Use of younger name conserved (Art. 23.9.2)	this paper
TROGOSITIDAE	LOPHOCATERINI Crowson, 1964	LYCOPTINI Casey, 1890	Use of younger name conserved (Art. 23.9.2)	this paper
ZOPHERIDAE	ZOPHERIDAE Solier, 1834	COXYDIIDAE Billberg, 1820	Use of younger name conserved (Art. 35.5)	this paper

Appendix 3

Coleoptera family-group name changes required based on the Principle of Homonymy. The action that has been taken to fix the problem, or recommendation for future work, is mentioned for each case. Cases listed in alphabetical order by family.

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
ANTHICIDAE	NOTOXINAE Stephens, 1829	NOTOXINI Sturm, 1826 [Coleoptera: CLERIDAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
ANTHICIDAE	STEROPINAE Jacquelin du Val, 1863	STEROPINAE Dana, 1854 [Copepoda]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ANTHRIBIDAE	APOLECTINI Lacordaire, 1865	APOLECTIDAE Jordan, 1923	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ANTHRIBIDAE	EUPARIINI Valentine, 1960	EUPARIINA Schmidt, 1910 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ATTILABIDAE	ANISONYCHINA Legalov, 2003	ANISONYCHIDAE Burmeister, 1844 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
BRACHYCERIDAE	AONYCHINI Zimmerman, 1993	AONYCHINI Davis, 1978 [Mammalia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
BRACHYCERIDAE	BROTHEINI Marshall, 1907	BROTHEINAE Simon, 1879 [Arachnida]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
BUPRESTIDAE	ANAGLYPTINA Gistel, 1848	ANAGLYPTINI Lacordaire, 1868 [Coleoptera: CERAMBYCIDAE]	different	Older name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	Bousquet et al. (2009)
CANTHARIDAE	CANTHARIDAE Imhoff, 1856	CANTHARIDAE Latreille, 1802	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CARABIDAE	AGONIDAE Kirby, 1837	AGONIDAE Swainson, 1839 [Pisces]	different	Stem of beetle name emended and AGONIDAE Kirby, 1837 placed on the Official List of Family-Group Names in Zoology	ICZN (1996d)
CARABIDAE	AMBYTELINI Blackburn, 1892	AMBYTELINAE Viereck, 1918 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CARABIDAE	ARTHOPTERINI Wasmann, 1928	ARTHOPTERIDAE Jordan, 1923 [Pisces]	same, Coleoptera genus older	An application to the Commission is needed to conserve the Coleoptera name	
CARABIDAE	BRADYBAENINA Csiki, 1932	BRADYBAENIDAE Pilsbry, 1939 [Mollusca]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CARABIDAE	COLPODINI Chaudoit, 1872	COLPODIDAE Poche, 1913 [Protista]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CARABIDAE	GRANIGERINA Antoine, 1959 [CARABIDAE: HARPALINAE]	GRANIGERINI Bedel, 1900 [CARABIDAE: TRECHINAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CARABIDAE	NOMIINI Gozis, 1875	NOMIIDAE Robertson, 1904 [Hymenoptera]	different	An application was submitted to the Commission to emend the stem of the beetle family-group name	Engel and Bouchard (2009)
CERAMBYCIDAE	ANAGLYPTINI Lacordaire, 1868	ANAGLYPTINA Gistel, 1848 [Coleoptera: BUPRESTIDAE]	different	Older name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	Bousquet et al. (2009)
CERAMBYCIDAE	COMPSINI Martins and Galileo, 2007	COMPSINI Pierce, 1913 [Coleoptera: CURCULIONIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	DYOBINI Arnett, 1962	DYOBINI Gistel, 1856 [Coleoptera: PTINIDAE]	different	Older name treated as a <i>nomen oblitum</i>	Bousquet et al. (2009)
CERAMBYCIDAE	LISSONOTINI Swainson, 1840	LISSONOTINI Förster, 1869 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	PLATYSTERNINI Lacordaire, 1872	PLATYSTERNIDAE Gray, 1869 [Reptilia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CERAMBYCIDAE	POLYARTHRI Gounelle, 1911	POLYARTHRIDAE Daday, 1893 [Rotifera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	SPHAERINI Lacordaire, 1868	SPHAERIDAE Deshayes, 1855 [Mollusca]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	SPHAERINI Lacordaire, 1868	SPHAERIDAE Erichson, 1845 [Coleoptera: MYXOPHAGA]	different	Stem of older beetle name emended and SPHAERUSIDAE Erichson, 1845 placed on the Official List of Family-Group Names in Zoology	ICZN (2000)
CERAMBYCIDAE	STENOCORINI Thomson, 1861 [CERAMBYCIDAE: LEPTURINAE]	STENOCORINI Hope, 1834 [CERAMBYCIDAE: CERAMBYCINAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CERAMBYCIDAE	STENODERINI Pascoe, 1867	STENODERINI Sclander, 1991 [Coleoptera: MELOIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	STENODONTINI Lameere, 1903	STENODONTINA Schmiedeknecht, 1903 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CERAMBYCIDAE	TOXOTINI LeConte and Horn, 1883	TOXOTIDAE Günther, 1860 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CHAETOSOMATIDAE	CHAETOSOMATIDAE Crowson, 1952	CHAETOSOMATIDAE Claus, 1872 [Nematoda]	same, Coleoptera genus older	An application to the Commission was submitted by YB and PB to conserve the Coleoptera name	
CHRYSOMELIDAE	CARPOPHAGINI Chapuis, 1874	CARPOPHAGINAE Selby, 1835 [Aves]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CHRYSOMELIDAE	CHALEPINI Weise, 1910 [CHRYSOMELIDAE: CASSIDINAE]	CHALEPIDAE Burmeister, 1847 [SCARABAEIDAE: DYNASTINAE]	same, SCARABAEIDAE name older	An application to the Commission is needed to conserve usage of the well established CHRYSOMELIDAE name	
CHRYSOMELIDAE	OREININI Bechyné, 1958	OREININI Bleeker, 1863 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
CHRYSOMELIDAE	MEGACERINI Bridwell, 1946	MEGACERINI Viret, 1961 [Mammalia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CHRYSOMELIDAE	SPERMOPHAGINA Borowiec, 1987 [CHRYSOMELIDAE: BRUCHINAE: AMBLYCERINI: AMBLYCERINI: SPERMOPHAGINA]	SPERMOPHAGINA Crotch, 1873 [CHRYSOMELIDAE: BRUCHINAE: AMBLYCERINI: AMBLYCERINA]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CHRYSOMELIDAE	SPLOPHORINI Chapuis, 1875 [CHRYSOMELIDAE: CASSIDINAE]	SPLOPHORINA Krikken, 1984 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CLERIDAE	TRICHODINI Portevin, 1931	TRICHODINA Maitland, 1851 [Protozoa]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CRYPTOPHAGIDAE	IPINI Latreille, 1802 [CRYPTOPHAGIDAE: CRYPTOPHAGINAE: CRYPTOPHAGINI]	IPINI Bedel, 1888 [CURCULIONIDAE: SCOLYTINAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	CENTRININA Jekel, 1865	CENTRININAE Swainson, 1839 [Pisces]	different	The younger name ZYGORARDINA is used as valid instead of CENTRININA	Alonso-Zarazaga and Lyal (1999)
CURCULIONIDAE	COMPSINI Pierce, 1913	COMPSINA Martins and Galileo, 2007 [Coleoptera: CERAMBYCIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CURCULIONIDAE	CONODERINI Schönherr, 1833	CONODERINI Fleutiaux, 1919 [Coleoptera: ELATERIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CURCULIONIDAE	EUDERINI Lacordaire, 1865	EUDERINI Erdős, 1956 [Hymenoptera]	different	A junior synonym is used as valid instead of EUDERINI in Hymenoptera	Hansson and Straka (2009)
CURCULIONIDAE	HAPLONYCHINI Lacordaire, 1865	HAPLONYCHIDAE Burmeister, 1855 [Coleoptera: SCARABAEIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Colcoptera name:	Homonym:	Type genera	Action	Reference
CURCULIONIDAE	IPINI Bedel, 1888 [CURCULIONIDAE: SCOLYTINAE]	IPINI Latreille, 1802 [CRYPTOPHAGIDAE: CRYPTOPHAGINAE: CRYPTOPHAGINI]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	OMINI Shuckard, 1839	OMINI Beck, 1996 [Lepidoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
CURCULIONIDAE	PHAENOMERINA Fausst, 1898	PHAENOMERINI Erickson, 1847 [Coleoptera: SCARABAEIDAE]	different	Stem of SCARABAEIDAE name emended and PHAENOMERIDAE (with incorrect author and year "Ohaus, 1913") placed on the Official List of Family-Group Names in Zoology	ICZN (1962)
CURCULIONIDAE	RHYNCHAEININI Blanchard, 1853	RHYNCHAEININI Latreille, 1828	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	TOMICINI Wood, 1978 [CURCULIONIDAE: SCOLYTINAE: HYLURGINI]	TOMICINI Shuckard, 1839 [CURCULIONIDAE: SCOLYTINAE: IPINI]	same, older name based on misidentified type genus	An application to be submitted to the Commission by MAAZ and CHCL to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
CURCULIONIDAE	TRYPETINI Lacordaire, 1865	TRYPETIDAE Loew, 1861 [Diptera]	different	Stem of beetle name emended and TRYPETIDINAE (with incorrect author and year "Pierce, 1919") placed on the Official List of Family-Group Names in Zoology	ICZN (1974a)
ELATERIDAE	CONODERINI Fleutiaux, 1919	CONODERINAE Schönherr, 1833 [Coleoptera: CURCULIONIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ELATERIDAE	DRASTERIINI Houlbert, 1912	DRASTERIINI Wiltshire, 1976 [Lepidoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
ELATERIDAE	LUDINI Candèze, 1857	LUDINI Aurivillius, 1904 [Lepidoptera]	different	The Lepidoptera name was replaced by MICRAGONINI Cockerell, 1914	Oberprieler (1997)

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
ELATEROIDEA	CANTHARIDAE Imhoff, 1856	CANTHARIDAE Latreille, 1802	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
ELMIDAE	LARINI LeConte, 1861	LARIDAE Rafinesque- Schmaltz, 1815 [Aves]	different	Stem of beetle name emended and LARINI LeConte, 1861 placed on the Official List of Family-Group Names in Zoology	ICZN (1988g)
GYRINIDAE	ENHYDRINI Régimbart, 1882	ENHYDRINI Gray, 1825	different	An application was recently submitted to the Commission by Özdişken and Darilnaz (2010) to remove the homonymy	
HELOTIDAE	HELOTIDAE Chapuis, 1876	HELOTIDAE Adams et al., 1854 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
HYDROPHILIDAE	HYDROBINA Mulsant, 1844	HYDROBIDAE Troschel 1857 [Mollusca]	different	Stem of beetle name emended and HYDROBIDAE Mulsant, 1844 placed on the Official List of Family-Group Names in Zoology	ICZN (2003a)
LAMPYRIDAE	PHOTININI LeConte, 1881	PHOTININAE Giglio-Tos, 1915 [Mantodea]	different	An application to the Commission was submitted by Svenson and Branham (2007) to remove the homonymy (Art. 55.3.1)	
LEIODIDAE	ANISOTOMIDAE Reitter, 1884 [LEIODINAE: AGATHIDIINI]	ANISOTOMIDAE Erichson, 1845 [LEIODINAE: LEIODINI]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
LEIODIDAE	TRIARTHRIINI Jennel, 1962	TRIARTHRIDAE Ulrich, 1930 [Trilobita]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
MELOIDAE	LYDINA Kaszab, 1959	LYDIDAE Newman, 1834 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
MELOIDAE	STENODERINI Sclander, 1991	STENODERINI Pascoe, 1867 [Coleoptera: CERAMBYCIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coloptera name:	Homonym:	Type genera	Action	Reference
MELOIDAE	ZONITINA Mulsant, 1857	ZONITIDAE Mörch, 1864 [Mollusca]	different	Stem of beetle name emended and ZONITIDINAE Mulsant, 1857 placed on the Official List of Family-Group Names in Zoology	ICZN (1999c)
PLASTOCERIDAE	PLASTOCERIDAE Crowson, 1972	PLASTOCERINI LeConte, 1861 [Coleoptera: ELATERIDAE]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
PRIONOCERIDAE	PRIONOCERIDAE Lacordaire, 1857	PRIONOCERINI Svecchenko, 1966 [Diptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
PTINIDAE	DRYOBINI Gistel, 1856	DRYOBINI Arnett, 1962 [Coleoptera: CERAMBYCIDAE]	different	Older name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	Bousquet et al. (2009)
RIPIPHORIDAE	RIPIPHORIDAE/-INAE/-INI Gemminger, 1870 [RIPIPHORIDAE: RIPIPHORINAE: RIPIPHORINAE: MACROSILAGONINI]	RIPIPHORIDAE/-INAE/-INI Laporte, 1840 [RIPIPHORIDAE: RIPIPHORINAE: MACROSILAGONINI]	same, older name based on misidentified type genus	An application to the Commission is needed to suppress the older name because it is based on a misidentified type genus (Art. 65.2.1)	
SALPINGIDAE	ELACATIDAE Cockerell, 1906	ELACATINAE Gill, 1861 [Pisces]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	ANISONYCHIDAE Burmeister, 1844	ANISONYCHINI Legalov, 2003 [Coleoptera: ATTELABIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	CHALEPIDAE BURMEISTER, 1847 [SCARABAEIDAE: DYNASTINAE]	CHALEPINI Weise, 1910 [CHRYSOEIDAE: CASSIDINAE]	same, SCARABAEIDAE name older	An application to the Commission is needed to conserve usage of the well established name in CHRYSOEIDAE	
SCARABAEIDAE	CRYPTODONTINA Lacordaire, 1856	CRYPTODONTIDAE Dall, 1895 [Mollusca]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	EUCHROEINA Paulian and Descarpentries, 1982	EUCHROEIDAE Dahlbom, 1854 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Family	Coleoptera name:	Homonym:	Type genera	Action	Reference
SCARABAEIDAE	EUPARIINA Schmidt, 1910	EUPARIINI Valentine, 1960 [Coleoptera: ANTHRIDIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	HAPLONYCHIDAE Burmeister, 1855	HAPLONYCHINI Lacordaire, 1865 [Coleoptera: CURCULIONIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	MACROPHYLLINA Burmeister, 1855	MACROPHYLLINA Gray, 1866 [Mammalia]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	PHAENOMERINI Erichson, 1847	PHAENOMERINA Faust, 1898 [Coleoptera: CURCULIONIDAE]	different	Stem of SCARABAEIDAE name emended and PHAENOMERIDINI Ohaus, 1913 [in error for Erichson, 1847] placed on the Official List of Family-Group Names in Zoology	ICZN (1962)
SCARABAEIDAE	SPILOPHORINA Krikken, 1984	SPILOPHORINI Chapuis, 1875 [Coleoptera: CHRYSOMELIDAE]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
SCARABAEIDAE	TRICHIINI Fleming, 1821	TRICHIINAE Lozek, 1956 [Mollusca]	different	The mollusc name was placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology	ICZN (2004c)
SCARABAEIDAE	TRIGONOSTOMINA Ohaus, 1912	TRIGONOSTOMIDAE Graff, 1905 [Platyhelminthes]	different	Stem of beetle name emended and TRIGONOSTOMUSINA Ohaus, 1912 placed on the Official List of Family-Group Names in Zoology	ICZN (2009b)
SPHAERIUSIDAE	SPHAERIDAE Erichson, 1845	SPHAERIINI Lacordaire, 1868 [Coleoptera: CERAMBYCIDAE] and SPHAERIIDAE Deshayes, 1855 [Mollusca]	different	Stem of older beetle name emended and SPHAERIUSIDAE Erichson, 1845 placed on the Official List of Family-Group Names in Zoology	ICZN (2000)
STAPHYLINIDAE	CALLICERINA Jakobson, 1908	CALLICERINA Rondani, 1856 [Diptera]	different	An application to the Commission was recently submitted by Gusarov to suppress the Coleoptera name	
STAPHYLINIDAE	METOPINI Raffray, 1904	METOPINAE Foerster, 1869 [Hymenoptera]	different	Stem of beetle name emended and METOPIASINI Raffray, 1904 placed on the Official List of Family-Group Names in Zoology	ICZN (1994d)

Family	Colcoptera name:	Homonym:	Type genera	Action	Reference
STAPHYLINIDAE	TACHINIDAE Fleming, 1821	TACHINIDAE Robineau-Desvoidy, 1830 [Diptera]	different	Stem of beetle name emended and TACHINUSIDAE Fleming, 1821 placed on the Official List of Family-Group Names in Zoology	ICZN (1993f)
STAPHYLINIDAE	TOXODERINI Bernhauer and Schubert, 1911	TOXODERINI Saussure, 1869 [Mantodea]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
TENEBRIONIDAE	ADELINI Kirby, 1828	ADELINI Viereck, 1918 [Hymenoptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
TENEBRIONIDAE	LACHNINI Billberg, 1820	LACHNINI Herrich-Schaeffer 1854 [Hemiptera]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	
TENEBRIONIDAE	MACROPODINI Agassiz, 1846	MACROPODIDAE Gray, 1821 [Mammalia]	different	Beetle name treated as a <i>nomen oblitum</i> (Art. 23.9.2)	this paper
TENEBRIONIDAE	PENTAPHYLINI Mulsant, 1854	PENTAPHYLINAE Schindewolf, 1942 [Anthozoa]	different	An application to the Commission is needed to remove the homonymy (Art. 55.3.1)	

Appendix 4

COLEOPTERA names as they appear on the *Official List of Family-Group Names in Zoology*. Cases listed in alphabetical order by family. Names on the *Official List* with the symbol “°” differ from those presented in our catalogue (spelling, authorship and/or year of publication).

Family	Name on <i>Official List</i>	Opinion(s) or Direction	Reference
ADERIDAE	°ADERIDAE Winkler, 1927	1549	ICZN 1989e
ADERIDAE	EUGLENESIDAE Seidlitz, 1875	1549	ICZN 1989e
ANTHRIBIDAE	ANTHRIBIDAE Billberg, 1820	1756	ICZN 1994b
ANTHRIBIDAE	CHORAGIDAE Kirby, 1819	1756	ICZN 1994b
BRENTIDAE	°EURHININI Lacordaire, 1866	1352	ICZN 1985e
BRENTIDAE	EURHYNCHINAE Lacordaire, 1863	1352	ICZN 1985e
BUPRESTIDAE	TRACHEIDAE Laporte, 1835	2222	ICZN 2009a
CARABIDAE	AGONUMIDAE Kirby, 1837	1855	ICZN 1996d
CARABIDAE	DROMIUSIDAE Bonelli, 1810	2149	ICZN 2006b
CARABIDAE	°GALERITINI Lacordaire, 1854	862	ICZN 1968b
CERYLONIDAE	CERYLONIDAE Billberg, 1820	1811	ICZN 1995c
CHRYSOMELIDAE	BRUCHIDAE Latreille, 1802	1809	ICZN 1995a
CHRYSOMELIDAE	°CASSIDINAE Stephens, 1831	1023	ICZN 1974b
CHRYSOMELIDAE	°UROPLATINI Leng, 1920	1359	ICZN 1985f
CURCULIONIDAE	°BRACHYDERINAE Schönherr, 1837	1440	ICZN 1987a
CURCULIONIDAE	CRYPTORHYNCHINAE Schönherr, 1825	808	ICZN 1967b
CURCULIONIDAE	OTIORHYNCHINAE Schönherr, 1826	982	ICZN 1972
CURCULIONIDAE	PACHYRHYNCHINI Schönherr, 1826	928	ICZN 1970b
CURCULIONIDAE	PHAENOMERINA Faust, 1898	621	ICZN 1962
CURCULIONIDAE	PHYLLOBIINI Schönherr, 1826	1179	ICZN 1981c
CURCULIONIDAE	°POLYDROSINI Schönherr, 1823	1179	ICZN 1981c
CURCULIONIDAE	°SCOLYTIDAE Westwood, 1838	683	ICZN 1963b
CURCULIONIDAE	SOMATODINAE Lacordaire, 1863	1770	ICZN 1994c
CURCULIONIDAE	°TRYPETIDINAE Pierce, 1919	1005	ICZN 1974a
DYTISCIDAE	°DYTISCIDAE Leach, 1817	619	ICZN 1961e
ELMIDAE	ELMIDAE Curtis, 1830	1812	ICZN 1995d
ELMIDAE	LARAINI LeConte, 1861	1515	ICZN 1988g
GEOTRUPIDAE	°GEOTRUPINI Latreille, 1806	Direction 28	ICZN 1955c
HYDROPHILIDAE	HYDROBIUSINA Mulsant, 1844	2034	ICZN 2003a
KATERETIDAE	BRACHYPTERINAE Erichson, [1845]	1916	ICZN 1999a
KATERETIDAE	°KATERETIDAE Erichson in Agassiz, [1846]	1916	ICZN 1999a
MELOIDAE	HORIIDAE Latreille, 1802	1918	ICZN 1999b
MELOIDAE	MELOIDAE Gyllenhal, 1810	1918	ICZN 1999b
MELOIDAE	NEMOGNATHINAE Castelnau, 1840	1918	ICZN 1999b
MELOIDAE	ZONITIDINAE Mulsant, 1857	1918	ICZN 1999b
NEMONYCHIDAE	CIMBERIDIDAE Gozis, 1882	2111	ICZN 2005c
NEMONYCHIDAE	NEMONYCHIDAE Bedel, 1882	2111	ICZN 2005c

Family	Name on <i>Official List</i>	Opinion(s) or Direction	Reference
ORSODACNIDAE	AULACOSCELIDINAE Chapuis, 1874	2242	ICZN 2010a
PTINIDAE	PTINIDAE Latreille, 1802	1809	ICZN 1995a
SCARABAEIDAE	*PHAENOMERIDIDAE Ohaus, 1913	621	ICZN 1962
SCARABAEIDAE	TRIGONOSTOMUSINA Ohaus, 1912	2229	ICZN 2009b
SPHAERIUSIDAE	MICROSPORIDAE Crotch, 1873	1331, 1957	ICZN 1985d, 2000
SPHAERIUSIDAE	SPHAERIUSIDAE Erichson, 1845	1957	ICZN 2000
SPHINDIDAE	ASPIDIPHORIDAE Kiesenwetter, 1877	1862	ICZN 1997
SPHINDIDAE	*SPHINDIDAE Jacquelin du Val, [1861]	1862	ICZN 1997
STAPHYLINIDAE	AGRODINI Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	BOLITOCARINI Thomson, 1859	599	ICZN 1961a
STAPHYLINIDAE	GYROHYPNINI Kirby, 1837	1851	ICZN 1996c
STAPHYLINIDAE	METOPIASINI Raffray, 1904	1772	ICZN 1994d
STAPHYLINIDAE	OXYPODIDES Thomson, 1859	463	ICZN 1957
STAPHYLINIDAE	PLATYCNEMINI Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	QUEDIINI Kraatz, [1857]	1851	ICZN 1996c
STAPHYLINIDAE	*STAPHYLINIDAE Latreille, [1803-1804]	546	ICZN 1959a
STAPHYLINIDAE	TACHINUSIDAE Fleming, 1821	1743	ICZN 1993f
STAPHYLINIDAE	TACHYPODIDAE MacLeay, 1825	1743	ICZN 1993f
STAPHYLINIDAE	XANTHOLININI Erichson, 1839	1851	ICZN 1996c
ZOPHERIDAE	*COLYDIIDAE Erichson, 1842	1811	ICZN 1995c
ZOPHERIDAE	ORTHO CERINI Blanchard, 1845 (1820)	1811	ICZN 1995c
ZOPHERIDAE	RHOPALOCERINI Reitter, 1911	1397	ICZN 1986b

Appendix 5

Coleoptera type genus names as they appear on the *Official List of Generic Names in Zoology*. Cases listed in alphabetical order by family.

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
ADERIDAE	<i>Aderus</i> Stephens, 1829	1549	ICZN 1989e
ADERIDAE	<i>Euglenes</i> Westwood, 1830	1549	ICZN 1989c
ANTHRIBIDAE	<i>Anthribus</i> Geoffroy, 1762	1754	ICZN 1994a
ANTHRIBIDAE	<i>Mecocerus</i> Schönherr, 1833	982	ICZN 1972
ANTHRIBIDAE	<i>Choragus</i> Kirby, 1819	1756	ICZN 1994b
ATTELABIDAE	<i>Attelabus</i> Linnaeus, 1758	1239	ICZN 1983a
BOSTRICHIDAE	<i>Bostrichus</i> Geoffroy, 1762	1754	ICZN 1994a
BRENTIDAE	<i>Eurhynchus</i> Kirby, in Kirby & Spence, 1828	1352	ICZN 1985
BRENTIDAE	<i>Nanophyes</i> Schönherr, 1838	1526	ICZN 1989b
BUPRESTIDAE	<i>Acmaeodera</i> Eschscholtz, 1829	2100	ICZN 2005b
BUPRESTIDAE	<i>Actenodes</i> Dejean, 1833	2008	ICZN 2002b
BUPRESTIDAE	<i>Anthaxia</i> Eschscholtz, 1829	2009	ICZN 2002c
BUPRESTIDAE	<i>Astraeus</i> Laporte & Gory, 1837	795	ICZN 1966
BUPRESTIDAE	<i>Buprestis</i> Linnaeus, 1758	1784	ICZN 1994c
BUPRESTIDAE	<i>Chrysobothris</i> Eschscholtz, 1829	1784	ICZN 1994e
BUPRESTIDAE	<i>Chrysodema</i> Laporte & Gory, 1835	2076	ICZN 2004b
BUPRESTIDAE	<i>Dicerca</i> Eschscholtz, 1829	1784	ICZN 1994e
BUPRESTIDAE	<i>Iridotaenia</i> Deyrolle, 1864	2076	ICZN 2004b
BUPRESTIDAE	<i>Melanophila</i> Eschscholtz, 1829	1826	ICZN 1996b
BUPRESTIDAE	<i>Nascio</i> Gory & Laporte, 1838	2008	ICZN 2002b
BUPRESTIDAE	<i>Poecilnota</i> Eschscholtz, 1829	1825	ICZN 1996a
BUPRESTIDAE	<i>Trachys</i> Fabricius, 1801	2222	ICZN 2009a
BYRRHIDAE	<i>Byrrhus</i> Linnaeus, 1767	1754	ICZN 1994a
BYRRHIDAE	<i>Simplexaria</i> Stephens, 1829	1323	ICZN 1985c
CARABIDAE	<i>Agonum</i> Bonelli, 1810	1855	ICZN 1996d
CARABIDAE	<i>Carabus</i> Linnaeus, 1758	243	ICZN 1950
CARABIDAE	<i>Dromius</i> Bonelli, 1810	2149	ICZN 2006b
CARABIDAE	<i>Galerita</i> Fabricius, 1801	862	ICZN 1968b
CARABIDAE	<i>Glyptus</i> Brullé, 1835	1299	ICZN 1985a
CARABIDAE	<i>Ophonus</i> Dejean, 1821	1598	ICZN 1990c
CARABIDAE	<i>Tachys</i> Dejean, 1821	1598	ICZN 1990c
CERAMBYCIDAE	<i>Ceropopsis</i> Audinet-Serville, 1835	1407	ICZN 1986
CERAMBYCIDAE	<i>Phymatodes</i> Mulsant, 1839	1525	ICZN 1989a
CERAMBYCIDAE	<i>Prionus</i> Geoffroy, 1762	1754	ICZN 1994a
CERAMBYCIDAE	<i>Saperda</i> Fabricius, 1775	1155	ICZN 1980
CERAMBYCIDAE	<i>Stenocorus</i> Geoffroy, 1762	1754	ICZN 1994a
CERAMBYCIDAE	<i>Tetropium</i> Kirby, 1837	1473	ICZN 1988b
CERYLONIDAE	<i>Cerylon</i> Latreille, 1802	1811	ICZN 1995c
CHRYSMELIDAE	<i>Altica</i> Geoffroy, 1762	1754	ICZN 1994a
CHRYSMELIDAE	<i>Bruchus</i> Linnaeus, 1767	1809	ICZN 1995a

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
CHRYSOMELIDAE	<i>Cassida</i> Linnaeus, 1758	1023	ICZN 1974b
CHRYSOMELIDAE	<i>Chrysolina</i> Motschulsky, 1860	1279	ICZN 1984c
CHRYSOMELIDAE	<i>Chrysomela</i> Linnaeus, 1758	1279	ICZN 1984c
CHRYSOMELIDAE	<i>Crioceris</i> Geoffroy, 1762	908, 1754	ICZN 1970a, 1994a
CHRYSOMELIDAE	<i>Cryptcephalus</i> Geoffroy, 1762	1754	ICZN 1994a
CHRYSOMELIDAE	<i>Galeruca</i> Geoffroy, 1762	1754	ICZN 1994a
CHRYSOMELIDAE	<i>Lema</i> Fabricius, 1798	908	ICZN 1970a
CHRYSOMELIDAE	<i>Luperus</i> Geoffroy, 1762	1273	ICZN 1984a
CHRYSOMELIDAE	<i>Uroplata</i> Chevrolat, 1835	1359	ICZN 1985
CLERIDAE	<i>Clerus</i> Geoffroy, 1762	1273	ICZN 1984a
CLERIDAE	<i>Korynetes</i> Herbst, (1792)	604	ICZN 1961c
CLERIDAE	<i>Necrobis</i> OLIVIER, 1795	604	ICZN 1961c
CLERIDAE	<i>Notaxus</i> Geoffroy, 1762	1754	ICZN 1994a
CLERIDAE	<i>Trichodes</i> Herbst, 1792	1273	ICZN 1984a
COPRINISPHAERIDAE	<i>Coprinisphaera</i> Sauer, 1955	2211	ICZN 2008b
CRYPTOPHAGIDAE	<i>Cryptophagus</i> Herbst, 1792	1810	ICZN 1995b
CUCUJIDAE	<i>Cucujus</i> Fabricius, 1775	1754	ICZN 1994a
CURCULIONIDAE	<i>Brachyderes</i> Schönherr, 1823	1440	ICZN 1987
CURCULIONIDAE	<i>Ceutorhynchus</i> Germar, 1824	1529	ICZN 1989c
CURCULIONIDAE	<i>Cholus</i> Germar, 1824	1449	ICZN 1987d
CURCULIONIDAE	<i>Coeliodes</i> Schönherr, 1837	1529	ICZN 1989c
CURCULIONIDAE	<i>Cryptorhynchus</i> Illiger, 1807	808	ICZN 1967b
CURCULIONIDAE	<i>Dendroctonus</i> Erichson, 1836	670	ICZN 1963a
CURCULIONIDAE	<i>Dryocoetes</i> Eichhoff, 1864	1145	ICZN 1979b
CURCULIONIDAE	<i>Eurbinus</i> Illiger, 1807	1352	ICZN 1985
CURCULIONIDAE	<i>Geonemus</i> Schönherr, 1833	1493	ICZN 1988d
CURCULIONIDAE	<i>Magdalis</i> Germar, 1817	345	ICZN 1955a
CURCULIONIDAE	<i>Mononychus</i> Germar, 1824	1529	ICZN 1989c
CURCULIONIDAE	<i>Otiorynchus</i> Germar, 1824	982	ICZN 1972
CURCULIONIDAE	<i>Pachyrhynchus</i> Germar, 1824	928	ICZN 1970b
CURCULIONIDAE	<i>Phaenomerus</i> Schönherr, 1836	621	ICZN 1962
CURCULIONIDAE	<i>Phloeosinus</i> Chapuis, 1869	1167	ICZN 1981a
CURCULIONIDAE	<i>Phloeotribus</i> Latreille, 1796	1144	ICZN 1979a
CURCULIONIDAE	<i>Phyllobius</i> Germar, 1824	1179	ICZN 1981c
CURCULIONIDAE	<i>Phytobius</i> Schönherr, 1833	1968	ICZN 2001
CURCULIONIDAE	<i>Polydrusus</i> Germar, 1817	1179	ICZN 1981c
CURCULIONIDAE	<i>Prochus</i> Schönherr, 1826	1616	ICZN 1990d
CURCULIONIDAE	<i>Rhinoncus</i> Schönherr, 1825	1529	ICZN 1989c
CURCULIONIDAE	<i>Rhyncolus</i> Germar, 1817	1655	ICZN 1991b
CURCULIONIDAE	<i>Scolytus</i> Geoffroy, 1762	683	ICZN 1963b
CURCULIONIDAE	<i>Somatodes</i> Schönherr, 1840	1770	ICZN 1994c
CURCULIONIDAE	<i>Tomicus</i> Latreille, [1802]	670	ICZN 1963a
CURCULIONIDAE	<i>Tropiphorus</i> Schönherr, 1842	1474	ICZN 1988c
CURCULIONIDAE	<i>Trypetes</i> Schönherr, 1836	1005	ICZN 1974a
CURCULIONIDAE	<i>Xyleborus</i> Eichhoff, 1864	848	ICZN 1968a

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
CURCULIONIDAE	<i>Zygops</i> Schönherr, 1825	1450	ICZN 1987e
CYCLAXYRIDAE	<i>Cyclaxyra</i> Broun, 1893	1472	ICZN 1988a
DERMESTIDAE	<i>Anthrenus</i> Geoffroy, 1762	1754	ICZN 1994a
DRYOPHTHORIDAE	<i>Dryophthorus</i> Germar, 1824	1448	ICZN 1987c
DRYOPHTHORIDAE	<i>Rhinostomus</i> Rafinesque, 1815	345	ICZN 1955a
DRYOPHTHORIDAE	<i>Sitophilus</i> Schönherr, 1838	572	ICZN 1959b
DRYOPHTHORIDAE	<i>Sphenophorus</i> Schönherr, 1838	572	ICZN 1959b
DYTISCIDAE	<i>Acilius</i> Leach, 1817	619	ICZN 1961e
DYTISCIDAE	<i>Dytiscus</i> Linnaeus, 1758	619	ICZN 1961e
DYTISCIDAE	<i>Graphoderus</i> Dejean, 1833	618	ICZN 1961d
DYTISCIDAE	<i>Vatellus</i> Aubé, [1837]	1681	ICZN 1992
ELATERIDAE	<i>Drasterius</i> Eschscholtz, 1829	1441	ICZN 1987b
ELMIDAE	<i>Elmis</i> Latreille, 1802	1812	ICZN 1995d
ELMIDAE	<i>Lara</i> Le Conte, 1852	1515	ICZN 1988g
EROTYLIDAE	<i>Tritoma</i> Fabricius, 1775	1754	ICZN 1994a
GEOTRUPIDAE	<i>Athyreus</i> MacLeay, 1819	1299	ICZN 1985a
GEOTRUPIDAE	<i>Bolboceras</i> Kirby, 1819	2138	ICZN 2006a
GEOTRUPIDAE	<i>Geotrupes</i> Latreille, 1796	346	ICZN 1955b
GEOTRUPIDAE	<i>Odonteus</i> Samouelle, 1819	2138	ICZN 2006a
GYRINIDAE	<i>Enhydrius</i> Laporte, 1834	710	ICZN 1964
GYRINIDAE	<i>Gyrinus</i> Geoffroy, 1762	1754	ICZN 1994a
HYDRAENIDAE	<i>Ochthebius</i> Leach, 1815	1631	ICZN 1991a
HYDROPHILIDAE	<i>Berosus</i> Leach, 1817	1577	ICZN 1990a
HYDROPHILIDAE	<i>Georissus</i> Latreille, 1809	1891	ICZN 1998
HYDROPHILIDAE	<i>Helochares</i> Mulsant, 1844	710	ICZN 1964
HYDROPHILIDAE	<i>Helophorus</i> Fabricius, 1775	1724	ICZN 1993b
HYDROPHILIDAE	<i>Hydrobius</i> Leach, 1815	1577	ICZN 1990a
HYDROPHILIDAE	<i>Hydrophilus</i> Geoffroy, 1762	1754	ICZN 1994a
HYDROPHILIDAE	<i>Megasternum</i> Mulsant, 1844	1178	ICZN 1981b
HYGROBIIDAE	<i>Hygrobia</i> Latreille, 1804	280	ICZN 1954
KATERETIDAE	<i>Brachypterus</i> Kugelann, 1794	1916	ICZN 1999a
KATERETIDAE	<i>Kateretes</i> Herbst, 1793	1916	ICZN 1999a
LAMPYRIDAE	<i>Lampyris</i> Geoffroy, 1762	1273	ICZN 1984a
LEIODIDAE	<i>Colon</i> Herbst, 1797	1810	ICZN 1995b
LUCANIDAE	<i>Platycerus</i> Geoffroy, 1762	1754	ICZN 1994a
MEGALOPODIDAE	<i>Zeugophora</i> Kunze, 1818	1382	ICZN 1986
MELOIDAE	<i>Cerocoma</i> Geoffroy, 1762	1754	ICZN 1994a
MELOIDAE	<i>Horia</i> Fabricius, 1787	1918	ICZN 1999b
MELOIDAE	<i>Meloe</i> Linnaeus, 1758	1918	ICZN 1999b
MELOIDAE	<i>Mylabris</i> Fabricius, 1775	1809	ICZN 1995a
MELOIDAE	<i>Nemognatha</i> Illiger, 1807	1918	ICZN 1999b
MELOIDAE	<i>Zonitis</i> Fabricius, 1775	1918	ICZN 1999b
MONOTOMIDAE	<i>Rhizophagus</i> Herbst, 1793	1810	ICZN 1995b
NEMONYCHIDAE	<i>Chimberis</i> Gozis, 1881	2111	ICZN 2005c
NEMONYCHIDAE	<i>Nemonyx</i> Redtenbacher, 1845	2111	ICZN 2005c

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
OEDMERIDAE	<i>Oncomera</i> Stephens, 1829	1506	ICZN 1988f
OMALISIDAE	<i>Omalisus</i> Geoffroy, 1762	1754	ICZN 1994a
ORSODACNIDAE	<i>Orsodacne</i> Latreille, 1802	1989	ICZN 2002a
PTILIIDAE	<i>Nephane</i> Thomson, 1859	1307	ICZN 1985b
PTILIIDAE	<i>Prénidium</i> Erichson, 1845	1277	ICZN 1984b
PTILIIDAE	<i>Prilium</i> Gyllenhal, 1827	1277	ICZN 1984b
PTILIIDAE	<i>Prinella</i> Motschulsky, 1844	1307	ICZN 1985b
PTINIDAE	<i>Anobium</i> Fabricius, 1775	1062	ICZN 1976
PTINIDAE	<i>Dorcatoma</i> Herbst, 1792	1810	ICZN 1995b
PTINIDAE	<i>Ptilinus</i> Geoffroy, 1762	1754	ICZN 1994a
PTINIDAE	<i>Prinus</i> Linnaeus, 1767	1809	ICZN 1995a
PTINIDAE	<i>Xyletinus</i> Latreille, 1809	966	ICZN 1971
PYROCHROIDAE	<i>Pyrochroa</i> Geoffroy, 1762	1754	ICZN 1994a
SCARABAEIDAE	<i>Ataenius</i> Harold, 1867	2241	ICZN 2010a
SCARABAEIDAE	<i>Anomala</i> Samouelle, 1819	1546	ICZN 1989d
SCARABAEIDAE	<i>Bothynus</i> Hope, 1837	2199	ICZN 2008a
SCARABAEIDAE	<i>Copris</i> Geoffroy, 1762	1754	ICZN 1994a
SCARABAEIDAE	<i>Gymnetis</i> MacLeay, 1819	806	ICZN 1967a
SCARABAEIDAE	<i>Melolontha</i> Fabricius, 1775	1754	ICZN 1994a
SCARABAEIDAE	<i>Osmoderma</i> Lepeletier & Serville, 1828	2186	ICZN 2007
SCARABAEIDAE	<i>Pelidnota</i> MacLeay, 1819	2054	ICZN 2003b
SCARABAEIDAE	<i>Pentodon</i> Hope, 1837	2054	ICZN 2003b
SCARABAEIDAE	<i>Phaenomeris</i> Hope, 1833	621	ICZN 1962
SCARABAEIDAE	<i>Podalgus</i> Burmeister, 1847	2066	ICZN 2004a
SCARABAEIDAE	<i>Stethaspis</i> Hope, 1837	1244	ICZN 1983b
SCARABAEIDAE	<i>Trichius</i> Fabricius, 1775	2079	ICZN 2004c
SCARABAEIDAE	<i>Trigonostomus</i> Brenske, 1893	2229	ICZN 2009b
SCHIZOPODIDAE	<i>Schizopus</i> LeConte, 1858	1727	ICZN 1993d
SCRAPTHIDAE	<i>Anaspis</i> Geoffroy, 1762	1273	ICZN 1984a
SPHAERIUSIDAE	<i>Microsporus</i> Kolenati, 1846	1331	ICZN 1985d
SPHAERIUSIDAE	<i>Sphaerius</i> Waltl, 1838	1331, 1957	ICZN 1985d, 2000
SPHINDIDAE	<i>Aspidiphorus</i> Ziegler in Dejean, 1821	1862	ICZN 1997
SPHINDIDAE	<i>Sphindus</i> Megerle in Dejean, 1821	1862	ICZN 1997
STAPHYLINIDAE	<i>Tachinus</i> Gravenhorst, 1802	1743	ICZN 1993f
STAPHYLINIDAE	<i>Acrotona</i> Thomson, 1859	600	ICZN 1961b
STAPHYLINIDAE	<i>Agrades</i> Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	<i>Anthophagus</i> Gravenhorst, 1802	2084	ICZN 2004d
STAPHYLINIDAE	<i>Atheta</i> Thomson, 1858	600	ICZN 1961b
STAPHYLINIDAE	<i>Baeocera</i> Erichson, 1845	1221	ICZN 1982
STAPHYLINIDAE	<i>Bolitochara</i> Mannerheim, 1831	599	ICZN 1961a
STAPHYLINIDAE	<i>Bryaxis</i> Kugelann, 1794	887	ICZN 1969b
STAPHYLINIDAE	<i>Bythinus</i> Leach, 1817	887	ICZN 1969b
STAPHYLINIDAE	<i>Coprophilus</i> Latreille, 1829	1722	ICZN 1993a
STAPHYLINIDAE	<i>Coryphium</i> Stephens, 1834	1597	ICZN 1990b
STAPHYLINIDAE	<i>Creophilus</i> Samouelle, 1819	546	ICZN 1959a

Family	Name on <i>Official List</i>	Opinion(s)	Reference(s)
STAPHYLINIDAE	<i>Geostiba</i> Thomson, 1858	2098	ICZN 2005a
STAPHYLINIDAE	<i>Gyrobypnus</i> Samouelle, 1819	1250	ICZN 1983c
STAPHYLINIDAE	<i>Ischnopoda</i> Stephens, 1835	600	ICZN 1961b
STAPHYLINIDAE	<i>Leptusa</i> Kraatz, 1856	2113	ICZN 2005d
STAPHYLINIDAE	<i>Lesteva</i> Latreille, 1797	2084	ICZN 2004d
STAPHYLINIDAE	<i>Metopias</i> Gory, 1832	1772	ICZN 1994d
STAPHYLINIDAE	<i>Mycetoporus</i> Mannerheim, 1831	1726	ICZN 1993c
STAPHYLINIDAE	<i>Othius</i> Stephens, 1829	1250	ICZN 1983c
STAPHYLINIDAE	<i>Oxypoda</i> Mannerheim, 1831	463	ICZN 1957
STAPHYLINIDAE	<i>Platycnemus</i> Nordmann, 1837	1851	ICZN 1996c
STAPHYLINIDAE	<i>Proteinus</i> Latreille, 1796	876	ICZN 1969a
STAPHYLINIDAE	<i>Quedius</i> Stephens, 1829	1851	ICZN 1996c
STAPHYLINIDAE	<i>Staphylinus</i> Linnaeus, 1758	546	ICZN 1959a
STAPHYLINIDAE	<i>Tachyporus</i> Gravenhorst, 1802	1743	ICZN 1993f
STAPHYLINIDAE	<i>Tachyusa</i> Erichson, 1837	600	ICZN 1961b
STAPHYLINIDAE	<i>Xantholinus</i> Dejean, 1821	1250	ICZN 1983c
STAPHYLINIDAE	<i>Zyras</i> Stephens, 1835	599	ICZN 1961a
TENEBRIONIDAE	<i>Alphitobius</i> Stephens, 1829	1039	ICZN 1975
TENEBRIONIDAE	<i>Diaperis</i> Geoffroy, 1762	1754	ICZN 1994a
TENEBRIONIDAE	<i>Gnatocerus</i> Thunberg, 1814	1039	ICZN 1975
TENEBRIONIDAE	<i>Helops</i> Fabricius, 1775	2237	ICZN 2009d
TENEBRIONIDAE	<i>Phaleria</i> Latreille, [1802]	1039	ICZN 1975
TENEBRIONIDAE	<i>Platyscelis</i> Latreille, 1818	1729	ICZN 1993c
TENEBRIONIDAE	<i>Tentyria</i> Latreille, 1802	2244	ICZN 2010c
TENEBRIONIDAE	<i>Tribolium</i> MacLeay, 1825	1495	ICZN 1988e
TENEBRIONIDAE	<i>Uloma</i> Dejean, 1821	1039	ICZN 1975
TROGOSITIDAE	<i>Peltis</i> Kugelann, 1792	1754	ICZN 1994a
ZOPHERIDAE	<i>Colydium</i> Fabricius, 1792	1811	ICZN 1995c
ZOPHERIDAE	<i>Orthocerus</i> Latreille, 1796	1811	ICZN 1995c
ZOPHERIDAE	<i>Rhopalocerus</i> W. Redtenbacher, 1842	1397	ICZN 1986

Appendix 6

Summary of cases involving Coleoptera family-group names and/or their type genera awaiting a ruling by the Commission. Cases listed in alphabetical order by family.

CARABIDAE

Engel and Bouchard (2009: Case 3484) reported that the Coleoptera name NOMIIDAE Gozis, 1875 and the Hymenoptera name NOMIIDAE Robertson, 1904 are homonyms based on similar but not identical type genera. Since the Hymenoptera name is currently used as valid and the Coleoptera name is not, the Commission was asked to emend the latter to NOMIUSIDAE Gozis, 1875.

CHAETOSOMATIDAE

Bousquet and Bouchard (2010) submitted an application to the Commission (Case 3513) to conserve usage of CHAETOSOMATIDAE Crowson, 1952 over CHAETOSOMATIDAE Claus, 1872 [Nematoda]. In addition, the Commission was asked to conserve usage of *Chaetosoma* Westwood, 1851 and *Apodasya* Pascoe, 1863, both threatened by the discovery of the older name *Chaetosoma* Chevrolat, 1843.

CHRYSOMELIDAE

An application to conserve *Eupales* Lefèvre, 1885 and EUPALINI Verma et al. 2005 was recently submitted by Jolivet and Verma (Bulletin of Zoological Nomenclature 2009: 204; see notice of “New applications to the Commission”). This Case (number 3498) has not been published yet.

Moseyko et al. (2010) submitted an application to the Commission (Case 3519) to conserve usage of *Eumolpus* Weber, 1801 and *Bromius* Chevrolat, 1836.

CURCULIONIDAE

An application to conserve usage of PLINTHINI Lacordaire, 1863 and to designate *Plinthus* Germar, 1817 as its type genus was recently submitted by Alonso-Zarazaga and Lyal (2010: Case 3530).

An application to emend the entries for *Otiorhynchus* and *Loborhynchus* in the Official List of Generic Names in Zoology was recently submitted to the Commission by Lyal and Alonso-Zarazaga (2010: Case 3529).

EUCNEMIDAE

Muona (1994; see notice of “New applications to the Commission”) submitted an application to conserve usage of EUCNEMIDAE Eschscholtz, 1829 over MELASIDAE Fleming, 1821. This Case (number 2938) was not subsequently published in the Bulletin of Zoological Nomenclature and is apparently not closed (ICZN secretariat pers. comm. 2010). The status of this application is still uncertain.

GYRINIDAE

The name ENHYDRINI Régimbart, 1882 is a junior homonym of the mammalian name ENHYDRINI Gray, 1825. An application was recently submitted to the Commission by Özdikmen and Darılmaz (2010: Case 3514) to remove the homonymy by changing the stem of the beetle name to Enhydrus-.

LAMPYRIDAE

Svenson and Branham (2007: Case 3402) submitted an application to remove the homonymy between PHOTININI LeConte, 1881 and PHOTININAE Giglio-Tos, 1915 [Mantodea]. Both family-group names are correctly formed and are based on similar but not identical type genera. The Commission was asked to emend the Mantodea name to PHOTINAINI Giglio-Tos, 1915.

LATRIDIIDAE

Bousquet et al. (2010) submitted an application to the Commission (Case 3517) to give precedence to LATRIDIIDAE Erichson, 1842 over CORTICARIIDAE Curtis, 1829 whenever their type genera are placed in the same family-group taxon and to conserve the current usage of *Corticaria* Marsham, threatened by the discovery of an overlooked type species designation.

STAPHYLINIDAE

An application to conserve ATHETINI Casey, 1910 and ATHETINA Casey, 2010 was recently submitted by Gusarov (Bulletin of Zoological Nomenclature 2010: 270; see notice of “New applications to the Commission”). This Case (number 3537) has not been published yet.

Index

Family-group names are listed in SMALL CAPS and genus-group names in *italics*.

- Aades* 601
 ABACÉTIDES 122
 ABACETINAE 122
 ABACETINI 23, 122
Abacetus 122
 ABACOMORPHINA 25, 141
 ABACOMORPHINI 141
Abacomorphus 141
Abax 144
 ABAXINI 144
Ablabera 247
 ABLABERINI 41, 247
 ABLABERITAE 247
 ABRAEINAE 28, 158
 ABRAEINI 28, 159
Abraeus 158, 159
 ABREIDAE 158, 159
Abrocar 553
 ABROCARINA 553
Abroteles 8, 195
 ABROTELINA 8, 34, 195
Abryna 500
 ABRYNITAE 500
 ACALLOPISTIDES 582
 ACALLOPISTINAE 582
 ACALLOPISTINI 582
Acallopistus 582
Acalodegma 457
 ACALODEGMITES 457
 ACALYPTINA 86, 577
 ACALYPTINI 86, 577
 ACALYPTOMERINAE 45, 273
Acalyptomerus 273
Acalyptus 577
 ACAMPTI 595
 ACAMPTINI 88, 595
Acamptus 595
Acangassu 466
 ACANGASSUINI 72, 466
Acanthinodera 457
 ACANTHINODERITAE 457
 ACANTHINOMERINI 88, 596
Acanthinomerus 596
 ACANTHOCÉRIDES 237
 ACANTHOCERINI 237
Acanthocerus 237
 ACANTHOCININI 75, 486
 ACANTHOCINITAE 486
 ACANTHOCINITES 486
Acanthocinus 486
 ACANTHOCNEMIDAE 57, 349
 ACANTHOCNEMINAE 349
Acanthocnemus 349
Acanthoderes 486
 ACANTHODERINI 75, 486
 ACANTHODERITAE 486
Acanthoglossa 220
 ACANTHOGLOSSI 220
 ACANTHOLOPHINI 601
Acantholophus 601
Acanthomerosternoplon 491
 ACANTHOMEROSTERNOPLOINI 491
 ACANTHOPHORINI 71, 454
 ACANTHOPHORITAE 454
Acanthophorus 454
 ACANTHOSCELIDES 110, 507
 ACANTHOSCELIDINA 77, 110, 507
 ACANTHOSCELIDINI 507
 ACANTHOSCELINA 21, 110
Acanthoscelis 110
Acanthothorax 546
 ACANTHOTRACHELINA 90, 606
 ACANTHOTRACHELINI 606
Acanthotrachelus 606
 ACANTHOVALGINAE 272
Acanthovalgus 272
 ACDEMONINI 598
Acdemonus 598
 ACENTRINA 578
 ACENTRINI 578
Acentrus 578
 ACENTRUSINI 86, 578
 ACERAIÆ 229
 ACERAIINI 229
Acenais 229
 ACETALIINI 184
Acetalius 184
 ACHAENOPINA 8, 79, 533
 ACHAENOPINI 533
 ACHAENOPTES 533
Achaenops 8, 533
Acherusia 279
 ACHERUSIINA 279
 ACHERUSINI 279
Achloa 255
 ACHLOIDAE 255
Achrys 466
Achryson 466
 ACHRYSONIDAE 466
 ACHRYSONIDES 466
 ACHRYSONINI 72, 466
 ACICNÉMIDES 630
 ACICNEMIDINAE 630
 ACICNEMIDINI 630
Acicnemis 630
 ACIDES 402
 ACIDOCERINA 27, 155
 ACIDOCERINI 156
Acidocerus 156
 ACILIIDES 150
 ACILINI 26, 150
Acilius 150, 891
 ACINOPIDAE 129
Acinopus 129
Acis 402
 ACLOPINAE 41, 247
 ACLOPINI 41, 247
 ACLOPIÆ 247
Aclopus 247
Acmaeodera 277, 889
 ACMAEODERINA 46, 277
 ACMAEODERINI 46, 277
 ACMAEODERIDIS 8, 277
 ACMAEODERIDINA 8, 46, 277
 ACMAEODERIDINI 277
Acmocera 487
 ACMOCERINI 75, 487
 ACMOCERITAE 487
 ACORYNIDES 548
 ACORYNINAE 549
 ACORYNINI 548, 549
Acorynus 548
 ACRATINA 84, 564, 869
 ACRATINI 565
Acratus 565
Acridocephala 487
 ACRIDOCEPHALIDI 487
 ACRIDOCEPHALINI 75, 487
 ACRITINI 28, 159
 ACRITOMORPHINI 28, 159
Acrisomorphus 159
Acritorrhynchites 560
 ACRITORRHYNCHITINA 83, 560
Acritosoma 372
 ACRITOSOMATINAE 372
Acritus 159
Acrobolbia 260
 ACROBOLBIINA 260
 ACROBININAE 487
 ACROBININI 75, 487
Acrocinus 487
Acrocypta 522
 ACROCRYPTIDAE 522
 ACROCRYPTITES 522
 ACROGNATHINI 213
Acrognathus 213
 ACROLEPTINA 53, 323

- Acroleptus* 323
 ACROPINAE 393
 ACROPINI 64, 393
Acropis 393
Acropteron 413
 ACROPTERONINI 66, 413
Acrotona 193, 892
 ACROTONAE 193
 ACROTRICHINAE 29, 166, 874
 ACROTRICHINI 166
Acrottrichis 166
 ACTENODEIDAE 283
Actenodes 283, 889
 ACTENODINI 47, 283
 ACTENONYCINA 24, 133
 ACTENONYCINAE 133
Actenoryx 133
 ACTIDIINI 165
Actidium 165
 ACTINOPHORINI 245
Actinophorus 245
Actizeta 403
 ACTIZETINA 65, 403
Actobaena 152
 ACTOBAENIDAE 152
 ACTOCHARI 192
 ACTOCHARINI 33, 192
 ACTOCHARIS 192
 ACULAGNATHIDAE 370
Aculagnathus 370
 ACUPALPINI 131
Acupalpus 131
 ACYLOPHORINI 223
Acylophorus 223
 ADELIADAE 397
 ADELIINI 7, 11, 64, 397, 886
 ADELINA 429
 ADELININA 68, 428, 429, 876
 ADELININI 429
Adelium 7, 11, 397
Adelius 11, 397
Adelocera 307
 ADELOCERAIDAE 307
 ADELOCERIDAE 307
 ADELOCERINI 307
Adelostoma 401
 ADELOSTOMINI 65, 401
 ADELOSTOMITES 401
 ADELOSTOMOIDAE 401
Ademosyne 95
 ADEMOSYNIDAE 18, 95
 ADERIDAE 2, 17, 70, 448, 449, 450, 869, 887, 889
 ADERINA 70, 449
 ADERINI 70, 448
Aderpas 487
 ADERPASINI 75, 487
Aderus 448, 449, 889
Adesmia 401
 ADESMIDAE 401
 ADESMIIDES 401
 ADESMIINI 2, 17, 65, 401, 862, 863, 876
 ADESMITES 401
Adesmus 494
 ADÉTIDES 489
 ADETINI 489
Adetus 489
 ADIMERIDAE 393
 ADIMERINI 64, 393
Adimerus 393
 ADINOPSINI 197
Adinopsis 197
Adonia 376
 ADONIATES 376
 ADORETIDAE 255
 ADORETINA 42, 255
 ADORETINI 42, 255
Adoretus 255
 ADORIINI 531, 871
 ADORIITES 531
Adorium 531
Adorodocia 255
 ADORODOCHINA 255
 ADOROLEPTINA 255
Adoroleptus 255
Adorrhinyptia 256
 ADORRHINYPTIINA 42, 256
 ADORRHINYPTIINI 256
Adoxia 530
 ADOXIINI 535, 870
 ADOXIITES 530
 ADOXINAE 534
Adoxus 534
Adranes 180
 ADRANIINI 180
 ADRANITES 180
 ADRASTINAE 318
 ADRASTINI 318
 ADRASTITES 318
Adrastus 318
Adzus 312
 ADZUSINI 312
 ADEDEMONINI 89, 598
Aedemonus 598
 AEDILAIRE 486
Aedilis 486
Aega 234
Aegolcerus 529
Aegialia 238
 AEGIALIDAE 238
 AEGIALIINAE 40, 238
 AEGIALITES 8, 446
 AEGIALITES 238
 AEGIALITIDAE 446
 AEGIALITINAE 8, 70, 446
 AEGIDAE 234
 AEGIDIINAE 246
 AEGIDIINI 41, 246
Aegidium 246
 AEGINI 234
Aegoprepes 488
 AEGOPREPINAE 488
Aegorhinus 602, 845, 846
Aegosoma 454
 AEGOSOMATINI 71, 454
 AEGOSOMITAE 454
Aegostheta 254
 AEGOSTHETINI 254
Aegus 234
Aenictobia 201
 AENICTOBIINA 35, 201
Aenictoterus 192
 AENICTOTERATINI 33, 192
 AENIGMATICINI 62, 382
Aenigmaticum 382
Aenigmocoleus 98
 AEOLINA 309
Aeolus 309, 852
 AEPHNIDIINA 126
Aephnidius 126
 AEPINA 22, 114
Aepus 114
 AEPYTES 114
Aerenaea 491
Aerenea 491
 AERENEINAE 491
 AERENEINI 491
 AERENITES 491
Aerenica 487
 AERENICIDES 487
 AERENICINAE 487
 AERENICINI 75, 487
 AESALIDAE 232
 AESALINAE 39, 232
 AESALINI 39, 232
Aesalus 232
Aferos 324
 AFEROTINI 324
 AFREMINAE 71, 451
Afrems 451
 AFROAPODERINA 82, 557
Afroapoderus 557
 AFROCORYNINA 82, 552
 AFROCORYNINI 552
Afrocorynus 552
Afrocubria 295
 AFROEUBRIINAE 49, 295
Agabates 153
 AGABETINI 27, 153
 AGABIDES 149
 AGABINAE 26, 149
 AGABININI 149
Agabinus 149
Agabus 149
Agacephala 260
Agacocera 284

- AGAEOCERINA 47, 284
 AGAEOCERINI 284
 AGALLISSINI 72, 466
Agallissus 466
Agaocephala 260
 AGAOCEPHALIDAE 260
 AGAOCEPHALINI 43, 260
 AGAPANTHAIRIES 487
Agapanthia 487
 AGAPANTHINI 75, 487
 AGAPANTHINAE 487
 AGAPYTHIDAE 59, 362
 AGAPYTHINAE 362
Agapytho 362
 AGARICOPHILES 373
 AGARICOPHILINAE 373
Agaricophilus 373
 AGATHIDIIDAE 168
 AGATHIDIINI 29, 168, 169, 883
Agathidium 168
Agelaca 141
 AGELAEINA 141
Agelasa 528
 AGELASINI 528
Agelastica 528
 AGELASTICINI 528
 AGELASTICITES 528
 AGENNOPSIDES 489
Agennopsis 489
Agetocera 529
 AGETOCERIDAE 529
 AGETOCÉRITES 529
 AGLNI 446
 AGLENINAE 69, 446
Aglenus 446
Aglycyderes 8, 551
 AGLICYDERIDAE 551
 AGLICYDERINI 8, 81, 551
 AGLYMBINI 150
Aglymbus 150
 AGNATHIDES 445
 AGNATHINAE 69, 445
 AGNATHINI 445
Agnathus 445
 AGNESIOTIDINI 81, 551
Agnesiotes 551
Agnia 496
 AGNITAE 496
Agonica 139
 AGONICINA 25, 139
 AGONICINI 139
 AGONIDAE 141, 879
 AGONODERI 131
Agonoderus 131
Agonum 141, 889
 AGONUMIDAE 141, 887
Agonus 141
Agra 133
 AGRAEFORMES 224
Agracus 308
 AGRAPHI 604
 AGRAPHINI 89, 604
Agraphus 604
 AGRIDAE 133
 AGRILIDAE 287
 AGRILINA 47, 287
 AGRILINAE 47, 287
 AGRILINI 47, 287
Agrilus 287
 AGRINA 24, 133
Agriotus 8, 316
 AGRITOTINA 52, 316
 AGRITOTINI 8, 52, 316
 AGRITOTITES 316
Agrodes 224, 892
 AGRODINI 224, 225, 876, 888
Agronoma 2, 17, 145
 AGRONOMAEIDAE 145
 AGRYPNIDES 307
 AGRYPNINAE 2, 17, 51, 307, 852, 853, 872
 AGRYPNINI 51, 307, 853
Agrypnus 307, 853
 AGYRTES 166, 167
 AGYRTES 166
 AGYRTIDAE 29, 166, 167
 AGYRTINAE 29, 166
Agyrtodes 8, 167
 AGYRTODINI 8, 29, 167
 AKALYPTOISCHIIDAE 62, 383
Akalyptoischion 383
Akatatopsis 192
 AKATATOPSISINI 33, 192
 AKIDINI 65, 402
Akis 402
Alaephus 412
 ALAINI 309
 ALAITES 309
Alampes 308
 ALAMPINA 308
 ALANIZINI 72, 466
Alanizus 466
 ALAUNINAE 309
Alaus 309, 852
 ALCEIDINI 611
 ALCEIS 611
Alcides 627
 ALCIDIDES 627
 ALCIDINAE 627
Alcidodes 627
 ALCIDODINAE 627
Alegoria 426
 ALÉGORIIDES 426
 ALEGORIINA 426
Aleochara 192
 ALEOCHARIDAE 192
 ALEOCHARINA 33, 192
 ALEOCHARINAE 33, 192, 213
 ALEOCHARINI 33, 192
Alesia 377
 ALESIAIRES 377
 ALESINA 377
 ALESINI 377
Alexia 370
 ALEXIADAE 370
 ALEXIDAE 60, 370
Alferiella 361
 ALFERIELLINAE 361
 ALLANDRINI 548
Allandrus 548
 ALLAPODERINA 82, 557
Allapoderus 557
Allara 250
 ALLARINI 250
Allecula 426
 ALLECULIDAE 427
 ALLECULINA 67, 426, 427
 ALLECULINAE 67, 426, 876
 ALLECULINI 67, 426
 ALLÉCULITES 426
 ALLEUSCELINA 554
Alleuscelus 554
Allidiostoma 246
 ALLIDIOSTOMATINAE 41, 246
 ALLIDIOTOMIDAE 246
 ALLOCORYNINA 82, 552
 ALLOCORYNINAE 552
Allocorymus 552
 ALLOMORPHINI 88, 596
Allomorphus 596
Allopoda 450
 ALLOPODINI 70, 450
Allopogonia 299
 ALLOPOGONINAE 49, 299
 ALLOPOGONINI 299
 ALLOSCELIDES 245
Alloscelus 245
 ALLOTOPINI 234
Allotopus 234
 ALLOTRIINI 315
 ALLOTRIITES 315
Allotrius 315
 ALLOXYCORYNINI 81, 552
Alloxyorymus 552
 ALNIPHAGINI 634
Alniphagus 634
 ALOCORHINI 610
Alocorhinus 610
 ALOPHINI 89, 604
Alophus 604
 ALOSIMATES 439
 ALOSIMINA 439
Alosimus 439
 ALPHITOBINI 66, 413
Alphitobius 413, 893
 ALPHITOPHAGIDA 428, 429
Alphitophagus 428

- ALTHANINI 161
Althanus 161
Altica 522, 889
 ALTICINI 79, 522
Altonomus 606
 ALURNINI 78, 510
 ALURNITES 510
Alurnus 510
Alvarenganiella 340
 ALVARENGANIELLINAE 56, 340
 ALVARENGIINI 42, 256
Alvarengius 256
 ALYCULINI 53, 322
Alyculus 322
 ALZADAESTHETINI 37, 216
Alzadaesthetus 216
 ALMALCTIDES 622
 AMALACTINAE 623
 AMALACTINI 91, 622, 623
Amalactus 622
 AMALINA 591
 AMALTHOCINAE 352
 AMALTHOCINI 58, 352
Amalthocus 352
Amalus 591
Amara 2, 17, 145
 AMARIDAE 145
 AMARINA 1, 17, 25, 145
 AMAROIDEA 145
 AMAROTYPINI 8, 21, 107
Amarotypus 8, 107
 AMARYGMIDAE 413
 AMARYGMINI 66, 413
Amarygmus 413
AMAURONIOIDES 351
 AMAURONIOININI 351
 AMAUROPINI 31, 179
Amauropus 179
 AMAUROPSINI 179
Ambates 586
 AMBATIDES 586
 AMBATINAE 586
 AMBATINI 87, 586
 AMBICOCERINI 31, 179
Ambicocerus 179
 AMBLYCERINA 77, 506, 870, 881
 AMBLYCERINAE 506
 AMBLYCERINI 77, 506, 881
Amblycerus 506
Amblycheila 103
 AMBLYCHEILINI 20, 103
Amblycheila 103
 AMBLYCHILINAE 103
 AMBLYOPININA 38, 222
 AMBLYOPININAE 222
Amblyopinus 222
Amblysterna 277
 AMBLYSTERNINI 277
 AMBLYSTOMINI 129
Amblystomus 129
Amblyteles 117
 AMBLYTELIDES 117
 AMBLYTELINAE 117, 879
 AMBLYTELINI 22, 117, 879
Amblytelus 117
 AMBOROTUBINI 367
Amborotubus 367
 AMERININAE 623
Ameris 623
Ametalla 506
 AMETALLINAE 506
 AMETALLINI 505, 506
 AMÉTALLITES 506
Ametrocephala 480
 AMETROCEPHALINI 480, 870
 AMETROCEPHALITAE 480
 AMILLARINEN 488
Amillarus 488
 AMINYOPINI 91, 623
Aminyops 623
Amischa 194
 AMISCHINA 194
Amitrus 611
 AMMOBIINI 420
Ammobius 420
 AMMOECIATES 239
Ammoeccius 239
 AMOMPHI 616
Amomphus 616
Amorbocephala 563
 AMORPHOCEPHALIDES 563
Amorbocephalus 563
 AMORPHOCERINI 91, 623
Amorphocerus 623
 AMORPHOMERINI 23, 122
Amorphomerus 122
Amorphosoma 288
 AMORPHOSOMATINA 48, 288
 AMORPHOSOMINA 288
 AMORPHOSTERNAE 287
 AMORPHOSTERNINA 47, 287
Amorphosternus 287
 AMPEDIDAE 317
 AMPEDINI 52, 317, 854
Ampedus 317
 AMPHICINI 373
Amphicoma 238
 AMPHICOMINAE 40, 238
 AMPHICOMITAE 238
 AMPHICOMITES 238
 AMPHICRANIDAE 632
Amphicranus 632
 AMPHICROSSINAE 60, 366
 AMPHICROSSINI 366
Amphicrossus 366
Amphicyrta 292
 AMPHICYRTINAE 48, 292
 AMPHICYRTINI 292
Amphidora 414
 AMPHIDORAE 414
 AMPHIDORINI 66, 413
 AMPHILABRIDAE 317
Amphilabris 317
Amphimela 523
 AMPHIMÉLITES 523
Amphionycha 494
 AMPHIONYCHITAE 494
 AMPHIOPITAE 155
Amphiops 155
 AMPHISCOLYTINI 93, 631
Amphiscolytus 631
 AMPHISTERNINI 374
Amphisternus 374
Amphix 373
Amphizoa 148
 AMPHIZOIDAE 26, 148
 AMPHOCINI 75, 488
Amphoeus 488
Amplipalpa 517
 AMPLIPALPINI 517, 871
 AMPYCTERIDAE 600
 AMPYCTERINI 89, 600
Amycterus 600, 601
Amydetes 326, 327
 AMYDETINAE 54, 326
 AMYDETINI 54, 326, 327
Amyia 287
 AMYIINA 47, 287
Anymoma 492
 ANYMMOMIDES 492
 ANYMMOMINI 492
Anacaena 155
 ANACAENINI 27, 155
 ANACANTHITAE 456
Anacanthus 456
 ANACOLINI 71, 454
 ANACOLITAE 454
 ANACOLITES 454
Anacolis 454
 ANAEDINI 398
Anaeus 398
Anaesthetis 491
 ANAETHÉTITES 491
Anaglyptes 280, 466
 ANAGLYPTI 466
 ANAGLYPTIDAE 466
 ANAGLYPTIDES 466
 ANAGLYPTINA 280, 869, 878, 879
 ANAGLYPTINI 72, 280, 466, 878, 879
 ANAGLYPTISIDAE 280
Anaglyptus 280, 466
 ANADES 8, 237
 ANAIDINAE 8, 40, 237
 ANAIDINI 237
 ANAISSINI 51, 308
Anaissus 308

- ANAMORPHINAE 61, 372
 ANAMORPHINI 372
Anamorphus 372
 ANAPLEINI 28, 160
Anapleus 160
 ANAPLOPINAE 444
Anaplopus 444
 ANASPIDINAE 8, 70, 450, 451
 ANASPIDINI 70, 450
 ANASPIENS 450
Anaspidorda 451
 ANASPIDORDINI 70, 451
 ANASPINA 451
Anaspis 8, 450, 892
Anatista 256
 ANATISTIDAE 257
 ANATISTIDES 256
 ANATISTINI 42, 256
 ANAULACINI 126
Anaulacus 126
Anauxesis 487
 ANAUXESITAE 487
 ANCHISTENINI 566
Anchisteus 566
 ANCHOMENII 140
 ANCHOMENINA 140
Anchomenus 140
Anchomma 402
 ANCHOMMINI 402
 ANCHONIDAE 623
 ANCHONINI 91, 623, 845
 ANCHONODÉRIDES 132
 ANCHONODERINAE 132
Anchonoderus 132
Anchonus 623
 ANCHOPHTHALMOID 424
Anchophthalmus 424
 ANCHYTARSINAE 49, 296, 297, 874
 ANCHYTARSINI 297
Anchyrtarsus 297
Ancistria 363
 ANCISTRINAE 363
 ANCISTROTIDES 457
 ANCISTROTINI 457
Ancistrotus 457
Ancita 488
 ANCITINI 75, 488
Ancylocera 483
 ANCYLOCERINA 75, 483
 ANCYLOCERITAE 483
Ancylochira 284
 ANCYLOCHIRINA 284
 ANCYLOCNEMIDINI 86, 578
 ANCYLOCNEMINI 578
Ancylcnemis 578
 ANCYLONOTIDES 488
 ANCYLONOTINAE 488
 ANCYLONOTINI 75, 488
Ancylonotus 488
Ancyrona 343
 ANCYRONINI 57, 343
 ANCYRONYCHINI 48, 293
Ancyronyx 293
 ANDOTYPINI 27, 157
Andotypus 157
 ANDROLYPERINI 530
Androlyperus 530
Androzelma 109
 ANDROZELMINA 21, 109
Anelastes 300
 ANELASTIDINI 50, 305
Anelastidius 305
 ANELASTINI 50, 300
 ANEMADINA 30, 170
 ANEMADINAE 170
 ANEMADINI 30, 170
Anemadus 170
 ANEPIINI 31, 177
Anepius 177
 ANEPIINI 65, 402
Anepius 402
 ANGIANIDES 630
Angianus 630
Anilana 285
 ANILARINA 47, 285
 ANILARINI 285
 ANILLINA 22, 113
 ANILLINI 113
Anillus 113
Anisarthria 165
 ANISARTHRIINI 72, 464
 ANISARTHITES 464
Anisarthron 464
 ANISARTHRONINI 464
Anischia 301
 ANISCHINAE 50, 301
 ANISCHINAE 301
 ANISOCERINI 75, 403, 488
 ANISOCERITAE 488
Anisocerus 403, 488
 ANISOCHELIDAE 250
 ANISODACTYLIDAE 128
 ANISODACTYLIDES 128
 ANISODACTYLINA 2, 17, 24, 128, 837, 838, 839, 869
 ANISODACTYLINI 128
Anisodactylus 128
Anisodera 510
 ANISODERINI 78, 510
 ANISODÉRIDES 510
Anisolemnia 377
 ANISOLEMNIINA 377
 ANISOLININA 38, 222
Anisolinus 222
Anisomeria 149
 ANISOMERIINI 26, 149
 ANISOMERININA 83, 560
Anisomerinus 560
 ANISONYCHIDAE 250, 556, 878, 884
 ANISONYCHINA 556, 878
 ANISONYCHINI 250, 884
Anisonychus 250, 556
Anisonyx 250, 556
Anisoplia 257
 ANISOPLIADAE 257
 ANISOPLIINA 42, 257
Anisophaena 215
 ANISOPHAERIDAE 215
Anisosticta 377
 ANISOSTICTINA 377
 ANISOTARSI 128
 ANISOTARSUS 128
Anisotoma 168, 169
 ANISOTOMIDAE 168, 169, 883
Anisoxiella 388
 ANISOXIELLINI 63, 388
Anitamaria 361
 ANOBIINAE 56, 339
Anobium 339, 892
 ANOBIUMEDAE 339
Anochilia 268
 ANOCHILIENS 268
 ANOCHILINA 44, 268
Anomala 257, 892
 ANOMALIDAE 257
 ANOMALINA 42, 257
 ANOMALINI 42, 257, 875
Anomalipes 424
 ANOMALIPINA 424
Anomalipus 423, 424
 ANOMMATINAE 60, 369
 ANOMMATINI 369
Anommatus 369
 ANOMOPHTHALMINA 604
 ANOMOPHTHALMINI 89, 604
Anomophthalmus 604
 ANOMOTARINA 134
Anomotarus 134
 ANOPIDIINA 68, 430
 ANOPIDIINI 430
Anopidium 430
 ANOPLINI 91, 622
Anoploderma 452
 ANOPLODERMATINAE 71, 451, 452
 ANOPLODERMATINI 71, 452
 ANOPLODERMIENS 452
 ANOPLODERMITAE 452
 ANOPOLOGENII 131
Anoplogenus 131
 ANOPOLOGNATHIDAE 258
 ANOPOLOGNATHINA 43, 258
 ANOPOLOGNATHINAE 255
 ANOPOLOGNATHINI 42, 258
Anoplognathus 258
Anoplus 622
 ANOPLILINI 87, 586
Anopilus 586

- Antarctia* 142
 ANTARCTIIDES 142
 ANTARCTINAE 142
 ANTARCTITAE 142
 ANTENNOLYCINI 53, 322
Antennolycus 322
Anthaxia 283, 889
 ANTHAXIDAE 283
 ANTHAXINI 47, 283
 ANTHAXOMORPHINA 48, 288
Anthaxomorphus 288
 ANTHEROPHAGI 360
Antherophagus 360
Anthia 7, 122
 ANTHICIDAE 70, 347, 399, 446, 640, 878
 ANTHICINAE 70, 448
 ANTHICINI 70, 448
 ANTHICITES 446, 448
 ANTHICOCLERINAE 348
Anthicoclerus 348
 ANTHICOXENINA 69, 438
Anthicoxenus 438
Anthicus 446, 448
 ANTHIES 122
 ANTHIINI 7, 23, 122
 ANTHOBIATES 176
 ANTHOBIINI 176, 875
Anthobium 176
 ANTHOCOMATES 352
Anthocomus 352
Anthomanes 445
 ANTHOMANISIDAE 445
 ANTHONOMINA 578
 ANTHONOMINI 86, 578
Anthonomus 578, 579
 ANTHOPHAGIDES 175
 ANTHOPHAGINI 30, 175, 177
Anthophagus 175, 892
 ANTHOTRIBIDAE 547
Anthotribus 547
Anthracalus 310
Anthracias 426
 ANTHRACIINI 426
 ANTHRACINI 131
Anthracus 131
 ANTHRENIDAE 335
 ANTHRENINI 55, 335
Anthrenus 335, 891
 ANTHREBIDAE 80, 240, 343, 544, 547, 549, 550, 844, 869, 878, 885, 887, 889
 ANTHREBIDES 544
 ANTHREBINAE 80, 544, 547
 ANTHREBINI 80, 544, 547
Anthribus 544, 547, 889
Anthroherpon 171
 ANTHROHERPONINA 30, 171
Anticheina 259
Antichira 259
 ANTICHRIDES 259
 ANTICHRINA 259
Antipha 528
 ANTIPHITES 528
 ANTLIARHINIDES 569
 ANTLIARHININAE 567
 ANTLIARHINITAE 85, 569
Antliarhinus 569
Antliarhis 569
Antroherpon 171
 ANTROHERPONA 171
 ANTROHERPONINA 171
 ANYPOTACTINA 604
 ANYPOTACTINI 89, 604
Anypotactus 604
 AONYCHINI 85, 575, 878
Aonychus 575
 AONYCHUSINI 575
Aonyx 575
 APALES 442
 APALIDES 442
 APALOCCHRAIRES 352
 APALOCCHRINI 352
Apalochrus 352, 353
Apalus 442
Apat 336
 APATÉLATES 397
Apatetele 397
 APATELINAE 397
 APATELINI 397
Apatelus 397
Apatetica 209
 APATETICAE 209
 APATETICINAE 36, 209
 APATIDES 336
 APATIDES 336
 APATIDINI 336
 APATINI 55, 336
 APATOPHYSEINAE 72, 465
 APATOPHYSIDES 465
 APATOPHYSINI 465
Apatophysis 465
Apeistus 394
Apenes 133
 APENINA 24, 133
 APHAENOCEPHALIDAE 371
Aphaenops 115
 APHAENOPSSES 115
 APHAENOSTEMMINI 30, 175
Aphaenostemmus 175
 APHANASIIDES 466
 APHANASINI 72, 466
Aphanasium 466
 APHANISTICII 288
 APHANISTICINA 48, 288
 APHANISTICINI 48, 288
 APHANISTICITES 288
Aphanisticus 288
 APHAENOCEPHALIDAE 371
 APHAENOCEPHALINAE 61, 371
Aphanoccephalus 371
 APHAOBIINA 172
Aphaobius 172
Aphela 603
 APHELI 603
Aphneope 466
 APHNÉOPIDES 466
 APHNEOPINI 72, 466
 APHODIDA 239
 APHODIINA 40, 239
 APHODIINAE 40, 239
 APHODIINI 40, 239
Aphodius 239
Aphoenops 115
 APHRASTI 614
Aphrastus 614
 APHRICI 318
Aphricus 318
Aphthona 523
 APHTHONAE 523
 APHTHONINI 523
 APHTHONITES 523
Aphyllura 596
 APHYLLURINA 596
 APHYLLURINI 88, 596
 APHYTOPI 204
 APHYTOPODINA 35, 204
Aphytopus 204
Apion 567
 APIONIDES 567
 APIONINA 84, 567
 APIONINAE 84, 567
 APIONINI 84, 567
 APIONITAE 84, 567
 APISTINI 394
Apistus 394
 APLASTINAE 307
Aplastus 307
 APLEMONINA 84, 567
 APLEMONINI 567
Aplemonus 567
 APOCNEMINI 350
Aplocnemus 350
 APOLODERINI 213
Aploderus 213
Aploglossa 297
 APOGLOSSINAE 49, 297
Aplonycha 250
 APLOTHORACINA 106
Aplothorax 106, 325
 APOCELLARIA 213
Apocellus 213
Apocrypha 414
 APOCORYPHIDES 414
 APOCORYPHINAE 414
 APOCORYPHINI 66, 414
 APODASINAE 492

- Apodasya* 345, 492, 894
 APODASYIDES 492
 APODASYINI 492
 APODERIDAE 556
Apoderiger 8, 180
 APODERIGERINA 8, 31, 180
 APODERIGERINI 180
 APODERINAE 82, 556
 APODERINI 82, 556
Apoderus 556
Apogonia 249
 APOGONIITAE 249
Apolecta 549
 APOLECTIDAE 549, 878
 APOLECTIDES 549
 APOLECTINAE 549
 APOLECTINI 81, 549, 878
Apolectus 549
Apoleon 335
 APOLEONINAE 335
Apolites 403
 APOLITINA 403
 APOMECHINITAE 489
Apomecyna 489
 APOMECHYNINI 75, 489
 APOMECHYNITAE 489
 APOPHYDIINI 527
Apophyllia 527
 APOPHYLLITES 527
 APOSTASIMERIDES 587
 APOSTASIMERINA 87, 587
 APOSTASIMERINI 87, 587
Apostasimerus 587
 APOTOMI 112
 APOTOMINAE 21, 112
Apotomus 112
 APRIODINI 510
Aproidea 510
 APRIODINI 78, 510
 APROSOPITAE 488
Aprasopus 488
Apis 610
 APTEMIDAE 121
Apterochailus 461
Apteroessa 103
 APTEROESSINA 20, 103
Apterospasta 438
 APTEROSPASTIDES 438
 APTEROSPASTINI 438, 874
Aptila 418
 APTILINA 67, 418
 APTINIDAE 121
 APTININA 23, 121
Aptinus 121
 APTOPINA 319
Aptopus 319
Aquilex 107
 AQUILICINA 21, 107
Arachnobas 592
- ARACHNOPIDES 592
 ARACHNOPINI 592
 ARACHNOPODINI 88, 592
Arachnopus 592
 ARAECERINI 81, 550
Aracercus 550
 ARAECERIDES 550
 ARAECERINI 550
Aracocerus 550
 ARAEOCNEMES 225
Aracocnemis 225
Aracocnemus 225
 ARAEOPIDINAE 49, 297
Aracopidius 297
 ARAEOSCHIZINI 411
Aracoschizus 411
Arallius 552
 ARAPTIDAE 632
 ARAPTINA 632
Araptus 632
Aratea 532
 ARATEINI 532
 ARAUCARIINI 88, 596
Araucarius 596
Archaeoglenes 400
 ARCHAEOGLENINI 64, 400
 ARCHEOCRYPTICIDAE 62, 385
 ARCHEOCRYPTICINI 385
Archeocrypticus 385
 ARCHESCARABAEINAE 38, 226
Archescarabaeus 226
 ARCHETYPY 457
 ARCHETYPINA 71, 457
Archetypus 457
Archeuops 555
 ARCHEUOPSINA 555
 ARCHOLABINAE 582
Archolabus 582
Arctobyrrhus 291
 ARDISTOMIDES 108
 ARDISTOMINA 21, 108
Ardistomis 108
Aroda 258
 AREODIDAE 258
 AREODINA 43, 258
 ARESCINI 78, 511
 ARESCITES 511
Arescus 511
Argentipilosa 374
 ARGENTIPILOSINI 61, 374
Arutina 367
 ARHININI 60, 367
 ARHIPINI 301
Arhipis 301
Arhopalus 464
Arhytodes 188
 ARHYTODINI 33, 188
Aristochroodes 144
 ARISTOCHROODINI 144
- Aristopus* 122
 ARNEIDAE 317
Arneus 317
 ARNYLLIINI 32, 185
Arnyllium 185
Aromia 467
 ARPEDIOMIMI 177
Arpediomimus 177
 ARPEDIOPSINI 177
Arpediopsis 177
Arpidiphorus 355
Arrenodes 562
 ARRENODINI 562
Arrenodes 562
 ARRHENODIDES 562
 ARRHENODINA 83, 562
 ARRHENDODINI 562
Arrhipis 301
 ARROWININI 38, 221
Arrowinus 221
Arrox 230
Arsipoda 523
 ARSIPODES 523
 ARSIPODINI 523
 ARSIPODITES 523
Arsysia 503
 ARSYSIDAE 503
 ARSYSIIDS 503
 ARSYSIINI 503
 ARTAXIDAE 443
Artaxus 443
 ARTEMATOPIDAE 274
 ARTEMATOPIDES 298, 299
 ARTEMATOPINAE 299
 ARTEMATOPODIDAE 49, 274, 298, 299
 ARTEMATOPODINAE 49, 299
 ARTEMATOPODINI 50, 299
 ARTEMATOPOIDEA 274
Artematopus 298, 299
Arthrobatia 119
 ARTHROBRACHINI 57, 350
Arthrobrachus 350
 ARTHRODEIDEN 407
Arthrodeis 407
 ARTHROLIPINAE 383
Arthrolips 383
 ARTHROPTERIDAE 119, 879
 ARTHROPTERINEN 119
 ARTHROPTERINI 119, 879
Arthropterites 119
 ARTHROPTERITINA 23, 119
Arthropteris 119
 ARTHROSTENINI 85, 575
Arthrostenus 575
 ARTICERIDES 181
 ARTICERINI 902
Articurus 181
 ARTIPI 611

- Artipus* 611
Asaphes 312, 313
 ASAPHIDAE 312
 ASAPHINAE 313
 ASAPHINI 312
 ASAPHITES 312
Asaphus 312
Asclera 435
 ASCLERAEDIDAE 435
 ASCLERINI 68, 435
 ASCYDMINI 215
Ascydmus 215
 ASEMINE 72, 464, 465
 ASEMITAE 464
Asemum 464
Asida 402
 ASIDADAE 402
 ASIDINI 65, 402
 ASIOCOLEIDAE 19, 97
 ASIOCOLEIDEA 19, 97
Asiocoelus 97
 ASPHALINA 66, 416
Asphalus 416
Aspicela 523
 ASPICELAE 523
 ASPICÉLITES 523
 ASPIDAPIINA 8, 84, 567
 ASPIDAPIINI 567
Aspidapion 8, 567
 ASPIDIMÉRAIRES 374
 ASPIDIMERINA 375
 ASPIDIMERINI 61, 374, 375
Aspidimerus 374
Aspidimorpha 511
 ASPIDIMORPHINI 78, 511
 ASPIDIMORPHITES 511
Aspidotes 616
 ASPIDIPHORIDAE 355, 875, 888
Aspidiphorus 355, 892
 ASPIDOMORPHINI 511
Aspidophorus 355
 ASPIDORMOPHITAE 511
Aspidytes 8, 149
 ASPIDYTIDAE 8, 26, 149
 ASPLINA 43, 264
Aspilus 264
Asproparthenis 620
Astaena 254
 ASTAENIDAE 254
Astathes 489
 ASTATHINI 75, 489
 ASTATHITAE 489
 ASTENINA 37, 218, 875
Astenus 218
Asteriza 516
 ASTERIZINI 516
 ASTERIZITAE 516
 ASTHATEINAE 489
 ASTRAEINI 46, 277
Astraeus 277, 889
 ASTRAEUSINI 277
 ASTROTI 402
Astrotus 402
 ASTYLIINI 57, 350
Astylus 350
 ASTYNOMAIRES 486
 ASTYNOMINI 486
Astynomus 486
 ATAENIDAE 240
Ataenius 240, 892
 ATANYGNATHINI 224
Atanygnathus 224
Ataxia 500
 ATAXIIDES 500
 ATAXIINI 500
 ATELIINAE 53, 322
 ATELIINI 53, 322
 ATELINAE 322
Atelius 322
 ATERPIDES 601
 ATERPINA 2, 17, 89, 601, 844
 ATERPINAE 601, 845
 ATERPINI 89, 601, 845, 846, 871
Aterpus 601
 ATEUCHIDAE 242
 ATEUCHINA 40, 242
 ATEUCHINI 40, 242, 243
Ateuchus 242
Atheropterus 179
 ATHERTONIINI 354
Athertonium 354
Atheta 193, 194, 892
 ATHETA 193
 ATHETINA 33, 193, 895
 ATHETINI 33, 193, 875, 895
Athexenia 207
 ATHEXENIINA 35, 207
 ATHEXENINA 207
 ATHOI 313
 ATHOINAE 313
 ATHOITES 313
 ATHOOMORPHINAE 311
Athoomorphus 311
Athous 313
 ATHYRÉIDES 226
 ATHYREINI 38, 226
 ATHYREITAE 226
 ATHYRÉITES 226
Athyreus 226, 891
Atimia 465
 ATIMIINI 72, 465
Atomaria 361
 ATOMARIINAE 59, 361
 ATOMARIINI 59, 361
 ATOMAROIDES 361
 ATOMAROIDINI 361
Atropa 275
Atropida 273
 ATOPIDAE 275
 ATOPIDINI 273
 ATOPINI 275
 ATOPITES 275
 ATOPOBRENTINA 84, 563
 ATOPOBRENTINI 563
Atopobrentus 563
 ATOPOIDEA 274, 872
Atossa 501
 ATOSSIDES 501
 ATOSSINI 501
 ATTRACTOCERIDAE 342
 ATTRACTOCERINAE 56, 342
 ATTRACTOCÉRITES 342
Attractocerus 342
 ATRANI 122
 ATRANINI 23, 122
 ATRANOPSINA 25, 144
Atranopsis 144
Atranus 122
 ATRIGINI 222
Atrecus 222
 ATTAGENI 335
 ATTAGENINAE 55, 334, 335
 ATTAGENINI 55, 335
 ATTAGÉNITES 334, 335
Attagenus 334, 335
 ATTALAIRES 353
 ATTALINA 353
 ATTALINI 353
 ATTALOMIMIDAE 352
 ATTALOMIMINI 58, 352
Attalomimus 352
Attalus 353
 ATTAPSENIINI 33, 188
Attapsenius 188
 ATTELABIDAE 82, 250, 553, 561, 844, 878, 884, 889
 ATTELABIDES 553, 554
 ATTELABINA 82, 554
 ATTELABINAE 82, 554
 ATTELABINI 82, 554
Attelabus 553, 554, 889
Atysa 527
 ATYSINI 527
 ATYSITES 527
 AUBEHYDRINAE 150
 AUBEHYDRINI 26, 150
Aubehydrus 150
Auchmeresthes 615
 AUCHMERESTHINAE 615
 AUCHMOBII 406
Auchmobius 406
Angyles 295
 AUGYLIINI 295
 AUGYLIINI 49, 295
 AULACOCERITAE 461
Aulacocerus 461
 AULACOCYCLINAE 39, 228

- AULACOCYCLINI 39, 228
Aulacocyclus 228
Aulacoderes 564
Aulacophora 528, 530
 AULACOPHORINA 528
 AULACOPHORITES 528
 AULACOPIDES 458
 AULACOPINAE 458
Aulacopus 458
 AULACOSCELIDINAE 77, 504, 505, 888
 AULACOSCELINAE 505
Aulacoscelis 504
 AULACOSCELITES 504
 AULACOTRACHELINAE 214
Aulacotrachelus 214
 AULETANINI 560
Auletanus 560
Auletes 558
 AULETINA 83, 558
 AULETINI 83, 558
 AULETINIDAE 558
 AULETOBIINA 83, 558
Auletobius 558
 AULETORHININI 83, 558
Auletorhinus 558
 AULONOCNEMINAE 40, 241
Aulonocnemis 241
Aulonosoma 364
 AURELINAE 229
Aurelius 229
 Australica 520
 AUSTRALICITES 520
 AUSTRALOBOLBINI 227
Australobolbus 227
 AUSTROAETHETINI 216
Austroaethetus 216
 AUSTROETHETINI 37, 216
Austroaethetus 216
 AUSTROPASSALINAE 229
Austropassalus 229
 AUSTRORHYSINI 31, 177
Austrorhysus 177
Autalia 195
 AUTALIIDS 195
 AUTALINI 33, 195
Autocera 403
 AUTOCÉRIDES 403
 AUTOCERINI 403
 AUTOMOLINI 41, 247
 AUTOMOLINI 247
Automolius 247
Automolus 247
 AUXENOCERINI 183
Auxenocerus 183
 AUXÉSIDES 467
 AUXESINA 467
 AUXESINI 72, 467
Auxesis 467
- Avitortor* 231
 AVITORTORINAE 39, 231
 AXELRODIELLINI 566
 AXELRODIELLINI 84, 566
Axelrodiellus 566
 AXINIDIINI 109
Axinidium 109
Axonyx 111
 AXONYINA 21, 111
Azya 375
 AZYAE 375
 AZYAIRES 375
 AZYINI 61, 375
Babia 532
 BABIDEAE 532
 BACANIINI 28, 160
Bacanius 160
Badister 137
Badistes 137
 BADISTIDAE 137, 138
 BADISTRITAE 137
Baeocera 209, 892
 BAEOCERIDITAE 209
Baeoceridium 209
 BAEOCERITAE 209
 BAGOINA 586
 BAGOINAE 2, 17, 87, 586, 842, 843, 844, 849, 871
Bagous 586, 843, 844
 BAISSORHYNCHINAE 82, 553
 BAISSORHYNCHINI 553
Baissorhynchus 553
 BALANINIDAE 580
Balaninus 580
 BALGINAE 311
Balgus 311
Barada 185
 BARADIINI 185
 BARADINA 32, 185
 BARAEINI 501
Baraeus 501
 BARÉIDES 501
 BARIDIDES 586, 588
 BARIDINA 87, 588
 BARIDINAE 87, 567, 586
 BARIDINI 8, 87, 567, 588
Baridius 586, 588
 BARIPODINA 8, 21, 111
Baripus 8, 111
Baris 8, 586, 588
 BAROEIDES 501
Baroecus 501
 BARROSELLINI 32, 185
Barrosellus 185
Barymela 521
 BARYMELINI 521
 BARYMÉRIDES 588
 BARYMERINA 87, 588
 BARYMERINI 588
- BARYMERINORUM 588
Barymerus 588
 BARYNOTI 609
 BARYNOTIDES 609
 BARYNOTINI 609
Barynotus 609
 BARYODIRINA 30, 173
Baryodirus 173
 BARYPITAE 111
Barypus 111
 BARYSOMI 130
Barysoma 130
 BASCANINI 23, 122
Bascanus 122
Basilepta 538
 BASILEPTINI 538
Basiprionota 511
 BASIPRIONOTINI 78, 511, 870
Basipta 512
 BASIPTERA 467
 BASIPTERINI 72, 467
 BASIPTINI 512
 BASIPTITES 512
 BASITOXI 457
 BASITOXINA 71, 457
Basitoxus 457
 BASITROPIDES 544
 BASITROPIDINI 545
 BASITROPINI 80, 544, 545
Basitropis 544
 BATHYRINI 607
Bathyrus 607
Bathyscia 171, 172
 BATHYSCIAE 171, 172
 BATHYSCIINA 30, 171, 172
Bathysciotes 172
 BATHYSCIOTINA 30, 172
 BATOBIIINA 443
Batobius 443
Batocera 490
 BATOCERINI 75, 490
 BATOCERITAE 490
Batonota 513
 BATONOTINI 514, 871
 BATONOTITAE 513
 BATONOTTITES 513, 514
 BATRISINA 31, 179
 BATRISIINI 31, 179
 BATRISITAE 31, 179
Batrissus 179
 BATULIINI 402
Batulius 402
Beccaria 374
 BECCARIINI 374
Beccariola 374
 BELIDAE 81, 551, 851
 BELIDES 551
 BELINA 81, 551
 BELINAE 81, 551

- BELINI 81, 551
Belionota 283
 BELIONOTINA 283
 BELIOPHORINA 314
Beliothorus 314
 BELOHINA 228
 BELOHINIDAE 39, 228
 BELOHINIINAE 228
 BÉLOPHÉRIDES 562
 BELOPHERINA 562
 BELOPHERINAE 562
Belopherus 562
 BELOPINAE 397
 BELOPINI 64, 397
Belopus 397
 BÉLORHYNCHIDES 562
 BÉLORHYNCHINA 562
Belorhynchus 562
Belus 551
 BEMBIDIIDAE 113
 BEMBIDIINA 22, 113
 BEMBIDIINI 22, 113
Bembidion 113
Bembidium 113
 BERENDTIRIDAE 52, 321
Berendtimirus 321
 BERGINI 385
 BERGININAE 62, 385
Berginus 385
 BÉROSAIRES 155
 BÉROSINA 155
 BÉROSINI 27, 155
Berosus 155, 891
Betschia 433
 BETSCHINI 433
 BIBLOPLECTINA 184
Biblopectus 184
 BIBLOPORELLINA 183
Bibloporellus 183
 BIBLOPORINA 32, 183
 BIBLOPORINI 183
Bibloporus 183
 BIDESSINI 26, 151
Bidessus 151
Bimia 467
 BIMIDES 467
 BIMINI 72, 467
 BIOPHLOCES 363
Biophloeus 2, 18, 363, 839
 BIOPHYTINI 364
Biophytus 364
Bioplanes 422
 BIOPLANINA 422
 BIPHYLLIDAE 58, 356
Biphyllus 356
Bironium 209
Bitoma 394
 BIUINI 425
Bius 425
 BLACODAIRES 420
Blacodes 420
 BLACODINI 420
Blacia 267
 BLAESIAE 267
 BLAESIINA 44, 267
Blaps 414
 BLAPSIDA 414
 BLAPTIDAE 419
 BLAPSTINI 419
 BLAPSTINITES 419
 BLAPSTINOIDES 419
Blapstinus 414
 BLAPTINA 66, 414
 BLAPTINI 66, 414
Blastophila 630
 BLASTOPHILADAE 630
 BLEDIINI 36, 211
Bledius 211
Blenosia 420
 BLEPHARHYMENI 204
 BLEPHARHYMENINA 35, 204
Blepharhymentus 204
Blepharida 523
 BLEPHARIDAE 523
 BLEPHARIDINI 523
 BLÉPHARIDITES 523
 BLEPHARRHYMENI 204
Blepharrhymentus 204
Blausea 130
 BLEUSEI 130
 BLOSRYIDAE 604
 BLOSRYIDES 604
 BLOSRYINI 89, 604
Blosyrus 604
 BODONIDAE 218
 BOGANIIDAE 58, 354
 BOGANIINAE 58, 354
Boganium 354
 BOLBELASMINI 38, 226
Bolbelasmus 226
 BOLBOCÉRAIRES 226
Bolboceras 226, 227, 891
 BOLBOCERATINAE 38, 226
 BOLBOCERATINI 38, 226, 227
 BOLBOCERINAE 226
 BOLBOCHROMINI 38, 227
Bolbochromus 227
Boldoria 173
 BOLITOBII 191
Bolitobius 191
Bolitochara 199, 200, 892
 BOLITOCHARIDES 199
 BOLITOCHARINA 34, 199
 BOLITOCHARINI 199, 200, 888
 BOLITOPHAGIDAE 415
 BOLITOPHAGINI 2, 17, 66, 415, 863,
 864, 865, 876
Bolitophagus 415
Bonesia 528
 BONESIITES 528
 BORBOROPHORINI 27, 157
Borborophorus 157
 BORÉAPHILAIRES 175
 BOREAPHILINA 31, 175
Boreaphilus 175
 BORIDAE 69, 444
 BORINAE 69, 444
 BOROMORPHINI 65, 402
Boromorphus 402
Boros 440, 444
 BOSTRICHIDAE 55, 335, 889
 BOSTRICHINAE 55, 336
 BOSTRICHINI 55, 333, 335, 336
 BOSTRICHIOIDEA 55, 333, 856, 867
Bostriichus 333, 335, 336, 889
 BOSTRYCHOPSINI 336
Bostrychopsis 336
Bothrideres 368, 369
 BOTHRIDERIDAE 60, 368
 BOTHRIDERINAE 60, 369
 BOTHRIDERINI 368, 369
 BOTHRIOPHORINI 294
Bothriophorus 294
Bothriospila 467
 BOTHRIOSPIINAE 467
 BOTHRIOSPINI 72, 467
 BOTHRIORRHINA 266
 BOTHRIORRHINAE 266
 BOTHROSTERNINI 93, 631
Bothrosternus 631
Bothryonopa 511
 BOTHYNIDAE 262
Bothynoderes 620
 BOTHYNODÉRIDES 620
Bothynus 262, 892
 BOTRIAPHORATES 294
 BOTRIOPHORATES 294
Botriophorus 294
Botryonopa 511
 BOTRYONOPINI 78, 511
 BOTRYONOPITES 511
 BRACHES 290
Brachiacantha 375
 BRACHIACANTHADINI 375
 BRACHIACANTHINI 61, 375
 BRACHINA 48, 290
 BRACHINII 121
 BRACHININA 23, 121
 BRACHININAE 23, 121
 BRACHININI 23, 121
Brachinus 121
 BRACHONYCHINA 579
 BRACHONYDES 578
Brachonyx 578, 579
Brachyacantha 375
 BRACHYACANTHAIRES 375
 BRACHYCYERIDAE 85, 574, 878

- BRACHYCERIDES 574
 BRACHYCERINAE 85, 574
 BRACHYCERINI 85, 574
 BRACHYCEROPSEINAE 623
 BRACHYCEROPSEINI 8, 91, 623
Brachyceropsis 8, 623
Brachycerus 574
Brachyderes 604, 890
 BRACHYDERIDES 604
 BRACHYDERINAE 604, 846
 BRACHYDERINI 89, 604
Brachygluta 185
 BRACHYGLUTINA 32, 185
 BRACHYGLUTINI 32, 185
 BRACHYGNATHINA 25, 139
 BRACHYGNATHINI 139
Brachygnathus 139
Brachygnus 576
 BRACHYINI 290
 BRACHYLOBINI 124
Brachylobus 124
 BRACHYPI 576
Brachypnoea 539
Brachypsectra 299
 BRACHYPSECTRIDAE 50, 274, 299
 BRACHYPSECTRINI 299
 BRACHYPTERIDAE 365
 BRACHYPTERINAE 365, 887
Brachypteronema 467
 BRACHYPTEROMATINI 72, 467
 BRACHYPTEROMINI 467
Brachypterus 365, 891
Brachypus 576
Brachyrhinus 613
 BRACHYRRHINIDAE 613
Brachyrrhinus 613
Brachys 290
 BRACHYSTERNIDAE 258
 BRACHYSTERNINA 43, 258
Brachysternus 258
 BRACHYTARSINA 544
 BRACHYTARSINI 544
Brachytarsus 544
Bradybaena 130
 BRADYBAENI 129
 BRADYBAENIDAE 130, 879
Bradybaenus 129
 BRADYBATINI 579
Bradybatus 579
 BRADYCELLI 131
 BRADYCELLINI 131
Bradycellus 131
 BRANCHINI 65, 403
Branchus 403
 BRARINA 80, 541
Brarus 541
 BRASILUCANINI 235
Brasilucanus 235
 BRATHINIDAE 175
Brathinus 175
 BRENTHIDES 562, 563
 BRENTHORRHININAE 80, 542
 BRENTHORRHININI 80, 542
 BRENTHORRHINOIDES 542
 BRENTHORRHINOIDINI 80, 542
Brenthorrrhinus 542
Brenthus 562, 563
 BRENTIDAE 83, 493, 562, 851, 869, 887, 889
 BRENTINA 83, 563
 BRENTINAE 83, 562
 BRENTINI 83, 562
Brentus 562, 563
 BRISEINAE 416
Brises 416
Brittona 430
 BRITTONINA 68, 430
 BROCHOCOLEIDAE 95
 BROCHOCOLEINAE 18, 95
Brochocoleus 95
 BROMIINAE 534
 BROMIINI 79, 534, 870
Bromius 534, 894
Brontes 362
 BRONTINAE 59, 362
 BRONTINI 59, 362
 BRONTITES 362
 BROSCIDAE 111
Broschus 111
 BROSCINA 21, 111
 BROSCINAE 21, 111
 BROSCINI 21, 111
Broschus 111
Brotheas 574
 BROTHEINAE 574, 878
 BROTHEINI 574, 878
Brotheus 574
 BROTHEUSINI 574
Bruchela 551
 BRUCHELAE 506, 507
 BRUCHELIDAE 551
 BRUCHIDAE 505, 506, 507, 887
 BRUCHIDIINA 507
 BRUCHIDIINI 507
Bruchidius 507
 BRUCHINA 77, 507
 BRUCHINAE 77, 506, 881
 BRUCHINI 77, 507
Bruchus 506, 507, 508, 889
 BRYAXES 185
 BRYAXINA 186
Bryaxis 185, 186, 892
 BRYCHIINI 147
Brychius 147
Bubastes 283
 BUBASTINI 47, 283
 BUCOLITES 375
Bucolus 375
Bulaca 377
 BULAEINI 377
 BULINI 46, 278
Bulis 278
 BULISINA 278
Bumetopia 495
 BUMETOPIDES 495
 BUMETOPINI 495
 BUPRESTIDAE 45, 143, 276, 466, 640, 869, 878, 879, 887, 889
 BUPRESTIDES 276, 283, 284
 BUPRESTINA 47, 284
 BUPRESTINAE 47, 283, 287
 BUPRESTINI 47, 284
Buprestis 276, 283, 284, 889
 BUPRESTOIDEA 4, 45, 276, 640, 859
 BYCTISCINA 83, 559
 BYCTISCINI 83, 558, 559
Byctiscus 558, 559
 BYRRHIDAE 48, 290, 427, 889
 BYRRHII 290, 291
 BYRRHINAE 48, 291
 BYRRHINI 48, 291
 BYRRHOIDEA 48, 273, 290, 859
Byrrhus 290, 291, 889
Byrsopages 618
 BYRSOPAGIDES 618
 BYRSOPAGINI 617, 618
 BYRSOPINI 85, 574
Byrsops 574
 BYRSOPSIDES 574
 BYRSOPTIDES 574
 BYTHININA 32, 186
 BYTHININI 32, 185, 186
 BYTHINOPECTINA 31, 182
 BYTHINOPECTINI 31, 182
Bythinoplectus 182
Bythinus 186, 892
 BYTURIDAE 58, 354
 BYTURINAE 58, 354
Byturus 354
Cacosceles 455, 525
 CACOSCELLINI 71, 455, 525
Cacoscelis 525
 CACOSCELLITAE 455
 CACTOPINAE 632
 CACTOPININI 93, 632
Cactopinus 632
 CAECOSSONINA 627
Caecossonus 627
 CAEDIAIRES 420
 CAEDIINI 420
Caedius 420
 CAELARTHINAE 478
Caelomarthron 478
 CAELORRHINA 266
 CAELOSTOMINA 126
Caelostomus 126
Caenocara 341

- CAENOCARINI 341
 CAENOCRYPTICINI 65, 403
Caenocrypticus 403
 CAENOSCELINI 59, 360
Caenoscelus 360
Calandra 572, 573
 CALANDRAEDES 573
 CALANDRINA 572, 573
Calaspidea 514
 CALASPIDETAE 514
 CALATHIDAE 144
 CALATHINA 25, 144
 CALATHINI 144
Calathus 144
Calcar 397
 CALCARIENS 397
 CALCARINA 397
 CALCARINI 907
Caledonica 103
 CALEDONICINI 103
 CALIGNÉMIENS 262
Calicnemis 262
 CALICNEMISII 262
 CALITYINI 57, 344
 CALITYNI 344
Calitys 344
Calleida 133
 CALLEIDINA 24, 133
 CALLEIDINAE 133
Callia 490
Callicera 193
 CALLIGERINA 193, 885
 CALLIGERINI 193, 875
Callicerus 193
Callichroma 467
 CALLICHRMATINI 72, 467
 CALLICHRMINAE 467
 CALLICNEMIAE 262
 CALLICNEMINI 262
Callida 133
Callidema 104
 CALLIDI 133, 468
 CALLIDIADAE 468
 CALLIDIDES 133
 CALLIDIINI 72, 468
 CALLIDIOPINI 72, 468
Callidiopsis 468
 CALLIDIOPSIDES 468
 CALLIDIOPSINAE 468
Callidiopsis 468
Callidium 468
 CALLIINI 75, 490
 CALLIMERINI 57, 346
Callimerus 346
Callipegon 456
 CALLIPOGONINI 71, 456
 CALLIPOGONITAE 456
Calliprason 482
 CALLIPRASONINI 482
- CALLIRHIPIDAE 49, 274, 298, 869
 CALLIRHIPINI 298
Callirhipis 298
 CALLIRHOPALINI 617
Callirhopalus 617
 CALLISINA 538
 CALLISINITAE 538
 CALLISINITES 538
Callispa 511
 CALLISPINI 78, 511, 512
 CALLISPITES 511
Callisthenes 106
 CALLISTHENIENS 106
 CALLISTHENISIDAE 106
 CALLISTIDAE 123
 CALLISTINA 23, 123
 CALLISTOIDES 124
 CALLISTOIDINI 124
Callistus 123
 CALLITAE 490
Callobiipa 512
 CALLOHISPINI 78, 512
 CALLOPISTINA 281
Callopistus 281
 CALOCERI 211
Calocerus 211
 CALOCHROMIDES 323
 CALOCHROMINAE 323
 CALOCHROMINI 53, 323
Calochromus 323
 CALOCOMINI 71, 456
Calocomus 456
Calodera 205
 CALODERAE 205
 CALODÉRATES 205
 CALODERINI 205
 CALODROMINEN 563
 CALODROMINI 563
Calodromus 563
 CALOGNATHIDAE 405
 CALOGNATHIDES 405
 CALOGNATHINA 65, 405
 CALOGNATHINAE 405
Calognathus 405
 CALONECRINAE 60, 365
Calonecrus 365
Calophaena 123
 CALOPHAENIDAE 123
 CALOPHAENINI 23, 123
 CALOPINI 435
 CALOPODIDAE 435
 CALOPODINAE 2, 17, 68, 435, 857, 874
 CALOPTERINA 53, 323
 CALOPTERINI 53, 323
Calopteron 323
Calopus 435
Calosoma 105
 CALOSOMII 105
- Calospasta* 439
 CALOSPATIDES 907
 CALYDINA 440
Calydus 440
 CALYMMADERINI 341
Calymmaderus 341
 CALYPTILLI 609
 CALYPTILLINI 609
Calyptillus 609
 CALYPTOCEPHALINA 328
Calyptocephalus 328
 CALYPTOCERINI 50, 301
Calyptocerus 301
 CALYPTOMERIDAE 273
 CALYPTOMERINAE 45, 273
Calyptomerus 273
 CAMARAGNATHINI 108
Camaraagnathus 108
Camaria 432, 433
 CAMARIDES 432
 CAMARIINAE 433
 CAMARIINEN 433
 CAMAROTIDES 579
 CAMAROTINA 86, 579
 CAMAROTINI 86, 579
Camarotus 579
Cambatia 480
 CAMBAINAE 480
Camelomorpha 447
 CAMELOMORPHINI 70, 447
Camenta 247
 CAMENTINI 247
 CAMIARINAE 29, 167
 CAMIARINI 29, 167
Camiarus 167
Campsiana 264
 CAMPSOSTERNINAE 313
Campsosternus 313
 CAMPTOCERIDAE 637
 CAMPTOCÉRIDES 637
Camptocerus 637
 CAMPTORHINIDES 599
 CAMPTORHININAE 599
 CAMPTORHININI 89, 599
Camptorhinus 599
 CAMPYLIDAE 313
 CAMPYLINA 314
 CAMPYLOSCELIDES 592, 593
 CAMPYLOSCELINA 88, 593
 CAMPYLOSCELINI 88, 592
Campyloscelus 592, 593
 CAMPYLOXENINAE 51, 312
Campyloxenus 312
Campylus 313
 CANEPHOROTOMINA 611
Canephorotomus 611
 CANONOPSINI 607
Canonopsis 607
 CANTHARIDAE 54, 329, 330, 352,

- 439, 869, 874, 878, 883
 CANTHARIDAE 439
 CANTHARINAE 54, 330
 CANTHARINI 54, 330, 439, 874
Cantharis 2, 17, 329, 330, 352, 439
 CANTHAROCNEMINI 71, 456
Cantharocnemis 456
 CANTHAROCNEMITAE 456
Canthon 243
 CANTHONIDES 243
 CANTHONINAE 243
 CANTHONINI 243
Capnis 411
 CAPNISINI 411
 CAPNODINA 281
Capnodis 281
 CAPNODOCINI 547
Cappadox 547
Capula 528
 CAPULINI 528
Car 553
Carabdytes 150
 CARABDYTTINI 26, 150
 CARABHYDRINI 26, 151
Carabhydrus 151
 CARABICI 102, 105
 CARABIDAE 1, 2, 7, 15, 17, 20, 102, 325, 382, 394, 424, 550, 836, 837, 838, 839, 859, 869, 870, 879, 887, 889, 894
 CARABIDOMEMNINA 23, 119
 CARABIDOMEMNINAE 119
 CARABIDOMEMNININI 119
Carabidomemmus 119
 CARABINAE 20, 105
 CARABINI 20, 105
Carabus 2, 7, 17, 102, 105, 145, 889
Caratambyx 468
Carclia 621
 CARCILIINAE 621
 CARCILIINI 91, 621
 CARDIOPHORI 318
 CARDIOPHORINAE 52, 318, 319
 CARDIOPHORITES 318
Cardiophorus 318, 319
 CARDIORHINI 316
 CARDIORHININA 52, 316
 CARDIORHININI 316
 CARDIORHINITES 316
Cardiorhinus 316
Cardiosis 412
 CARDIOSITES 412
 CARENIDES 108
 CARENINI 21, 108
Carenum 108
Caria 377
 CARIAIRES 377
 CARIDAE 82, 553
 CARIINI 377
 CARINAE 82, 553
Carinatodordacidion 493
Carinodula 375
 CARINODULINI 61, 375
Carodes 553
 CARODESINA 553
 CARODINI 82, 553
 CARPELIMINI 213
Carpelimus 212, 213
 CARPHOBORINAE 636
Carphoborus 636
 CARPHODICTICINI 93, 632
Carphodicticus 632
 CARPHURINAE 352
 CARPHURINI 58, 352
Carphurus 352
Carpophaga 505
 CARPOPHAGINAE 505, 880
 CARPOPHAGINI 77, 505, 880
 CARPOPHAGITES 505
Carpophagus 505
 CARPOPHILINAE 60, 366
Carpophilus 366
 CARTALLITES 468
Cartallum 468
 CARTEROPHONINI 130
Carterophonus 130
 CARYEDINI 508
Caryedon 508
 CARYEDONTINA 77, 508
Caryonoda 536
 CARYONODINI 79, 536
 CARYOPEMINA 77, 508
 CARYOPEMINI 508
Caryopemon 508
Casigneta 235
 CASIGNETINI 235
Casignetus 234, 235
Casnomia 138
 CASNONIAE 138
Cassida 510, 512, 890
 CASSIDEAE 510, 512
 CASSIDINAE 78, 510, 512, 880, 881, 884
 CASSIDINI 78, 512
Catachiroter 435
 CATCHIROTIDAE 435
 CATADROMIDAE 143
 CATADROMIENS 143
Catadromus 143
 CATAPHRONETINI 431
Cataphronetis 431
 CATAPIESEINI 23, 123
 CATAPIESINAE 123
Catapiesis 123
 CATAPIESTIDES 432
 CATAPIESTINA 432
Catapiestus 432
 CATAPIINA 84, 568
Catapion 568
 CATASCOPI 136
Catascopus 136
Cathartocryptus 356
Catheretes 365
 CATHERETIDAE 365
 CATHORMIOCERINI 617
Cathormiocerus 617
 CATINIIDAE 19, 97
Catinus 97
 CATOGENINI 363
Catogenus 363
 CATOPIIDAE 171
 CATOPIDES 171
 CATOPINA 30, 171
 CATOPOCERINAE 29, 168, 873
 CATOPOCERINI 29, 168
Catopocerus 168
 CATOPOCHROTIDAE 360
Catopochrotus 360
Catops 171
Catoxantha 281
 CATOXANTHINA 281
Catypnes 454
 CATYPNIDES 454
 CAULAUTAIRES 352
Caulantes 352
 CAULOBIINA 247
Caulobius 247
Cavicoxum 308
 CAVICOXUMIDAE 308
Cavognatha 363
 CAVOGNATHIDAE 59, 363, 840
 CAVOGNATHINAE 363
 CEBALLOSMELASINI 50, 301
Ceballosmelasis 301
Cebrio 307
 CEBRIGNATHINAE 307
Cebriognathus 307
 CEBRIONATES 307
 CEBRIONIDAE 306
 CEBRIONINAE 51, 307
 CEBRIONOIDEA 298, 872
 CECHENOGENICAE 106
Cecbenus 106
Celaenephes 134
 CELAENEPHINA 24, 134
Celes 577
 CELETINI 577, 578
Celeuthetes 604
 CÉLEUTHÉTIDES 604
 CELEUTHETINA 89, 604
 CELEUTHETINAE 605
 CELEUTHETINI 89, 604, 605
Celia 145
 CELINA 152
 CELININI 152
 CELIOSCHESINI 122

- Celioschesis* 122
 CENOCEPHALARIAE 639
 CENOCEPHALINA 638
Cenocephalus 639
 CENTORHYNCHIDAE 590, 591
Centorhynchus 590, 591
Centorus 397
CENTRINA 587
 CENTRIDES 587
 CENTRININA 587, 871, 881
 CENTRININAE 587, 881
Centrinus 587
 CENTRIOPTERA 405
 CENTRIOPTERAE 405
 CENTRIOPTÉRIDES 405
 CENTRIOPTERINI 405, 876
 CENTROCORYNINA 556
Centrocorynus 556
 CENTRONOPINI 66, 415
Centronopus 415
 CENTROPHTHALMINA 33, 189
Centrophthalmus 189
 CEOCEPHALIDES 565
 CEOCÉPHALIDES 565
 CEOCEPHALINA 566, 869
Ceocephalus 565
 CEOPHYLLINI 190
Cephyllus 190
 CEPHACERIA 406
Cephacerus 406
Cephalaon 434
 CEPHALAONIDES 434
 CEPHALOBYRRHINAE 49, 295
Cephalobyrrhus 295
Cephalodonta 518
 CEPHALODONTINAE 518
 CEPHALODONTINI 871
 CÉPHALODONTITES 518
 CEPHALOIDAE 434
 CEPHALOINAE 68, 434
Cephaloleia 513
 CEPHALOLEIINI 78, 513
 CÉPHALOLÉITES 513
Cephaloon 434
 CEPHALOPHANINAE 61, 371
Cephalophanus 371
 CEPHALOPLECTINAE 29, 166
Cephaloplectus 166
 CEPHALOSCYMNINI 61, 375
Cephaloscymnus 375
Cephalotes 111
 CEPHALOTIDA 111
Cephalotrichia 2, 18, 255, 860
 CEPHALOTRICHIDAE 255
 CEPHALOTYPHILINI 37, 217
Cephalotypilus 217
 CEPHENNIINI 37, 215
Cephennium 215
 CÉPURIDES 619
- CEPURINI 91, 619
Cepurus 619
 CERACUPEDINI 39, 228
Ceracuper 228
 CERACUPINI 228
 CERALLINI 57, 350
Cerallus 350
 CERAMBICINI 453, 465, 468
 CERAMBYCIDAE 4, 15, 71, 118, 280, 339, 345, 399, 403, 421, 434, 437, 443, 453, 492, 494, 525, 586, 608, 859, 870, 878, 879, 880, 881, 883, 884, 885, 889
 CERAMBYCINA 72, 468
 CERAMBYCINAE 72, 465, 473, 880
 CERAMBYCINI 72, 468
Cerambyciscapha 209
 CERAMBYCISCAPHINI 209
 CERAMBYCOIDEA 452
Cerambyx 453, 465, 468
 CERAPTERIDES 119
 CERAPTERINA 23, 119
Cerapterus 119
Cerasommatidia 372
 CERASOMMATIDIIDAE 372
 CERASPHORITAE 473
Cerasphorus 473
 CERASPIDIDAE 251
Ceraspis 251
 CERATAMBYCIDAE 468
Ceratambyx 468
 CERATANISINI 65, 403
Ceratanius 403
 CERATAPINA 84, 568
 CERATAPIINI 568
Ceratapion 568
 CERATOCANTHINAE 40, 237
 CERATOCANTHINI 40, 237
Ceratocanthus 237
 CERATODERINA 120
Ceratoderus 120
 CERATOGNATHINI 39, 232
Ceratognathus 232
Ceratogonyia 306
 CÉRATOPIDES 579
 CERATOPINAE 579
 CERATOPODINI 86, 579
Ceratopus 579
 CERATORRHINA 266
 CERATORRHINA 266
 CERATORRHINIDAE 266
Ceratotrupes 8, 227
 CERATOTRUPINI 8, 38, 227
 CERCIDAE 365
Cercus 365
Cercyon 158
 CERCYONES 158
 CERENOPINI 66, 415
- Cerenopus* 415
Cercoma 438, 891
 CEROCOMATIDA 438
 CEROCOMINI 69, 438
 CEROCOSMINAE 339
Cerocosmus 339
 CEROGLOSSINA 106
 CEROGLOSSINI 20, 106
Ceroglossus 106
Cerophysa 530
 CEROPHYSIDES 530
 CEROPHYSITES 530
 CEROPHYTIDAE 50, 299
 CEROPHYTTIDES 299
Cerophytum 299
 CEROPLESINA 75, 490
 CEROPLESINI 75, 490
Ceroplesis 490, 889
 CEROPLESITAE 490
Cerotoma 529
 CEROTOMINI 529
 CEROTOMITES 529
 CEROTOMITES 529
 CERTALLINI 72, 468, 469
Certallum 468
 CERUCHINI 232
 CERUCHITES 232
 CERUCHITES 232
 CERUCHITES 232
 CERUCHITINAE 39, 232
Ceruchus 232
 CERVIDAE 508
Cerylon 369, 370, 889
 CERYLONIDAE 60, 369, 370, 393, 887, 889
 CERYLONIDES 369, 370
 CERYLONINAE 60, 370
Cesauletes 559
 CESAULETINI 83, 559
Cetonia 263
 CETONIDA 263
 CETONIINA 43, 263
 CETONIINAE 43, 262, 263
 CETONIINI 43, 263
 CEUTORHYNCHINAE 88, 590
 CEUTORHYNCHINI 88, 591
Ceutorhynchus 590, 591, 890
Chaeridiona 518
Chaeroder 398
 CHAERODINI 64, 398
Chaetarthria 155
 CHAETARTHRIINI 27, 155
Chaetastus 639
 CHAETOCANTHINAE 39, 236
 CHAETOCANTHINI 39, 236
Chaetocanthus 236
Chaetocnema 525
 CHAETOCNEMAE 525
Chaetodactyla 123
 CHAETODACTYLINI 23, 123

- CHAETOGENYINA 123
 CHAETOGENYINI 8, 23, 123
Chaetogenys 8, 123
 CHAETOMALACHIINI 58, 350
Chaetomalachius 350
 CHAETOPHLOEINI 635
Chaetophloeus 635
Chaetophora 291, 292
Chaetosoma 345, 492, 894
 CHAETOSOMATIDAE 57, 345, 492, 880, 894
Chalcodes 234
 CHALCODINAE 234
Chalcodrya 396
 CHALCODRYIDAE 64, 396
 CHALCOLÉPIDIIDES 309
 CHALCOLEPIDIINI 309
 CHALCOLEPIDINA 309
Chalcolepidius 309, 852
Chalcophana 536
 CHALCOPHANTAE 536
 CHALCOPHANTES 536
Chalcophora 280, 466
 CHALCOPHORAE 280
Chalcophorella 280
 CHALCOPHORELLINI 280
 CHALCOPHORIDES 280
 CHALCOPHORINA 46, 280, 869
 CHALCOPLECTINI 190
Chalcoplectus 190
Chalcothea 270
 CHALCOTHEINA 44, 270
 CHALCOTHEINI 270
 CHALEPIDAE 260, 513, 880, 884
 CHALEPINI 78, 260, 513, 880, 884
Chalepus 260, 513
Chaltenia 116
 CHALTENIINA 22, 116
Chapuisia 638
 CHAPUISIDES 910
 CHAPUISIIDES 638
 CHARIDOTINI 512
Charidotis 512
 CHARIDOTTIAE 512
Charonoscapa 147
 CHARONOSCAPHINAE 26, 147
Charopus 352
 CHASMATOPTERIDAE 248
 CHASMATOPTÉRIDES 248
 CHASMATOPTERINI 41, 248
Chasmatopterus 248
Chasmodia 259
 CHASMODIIDAE 259
 CHAULIOGNATHINAE 54, 331
 CHAULIOGNATHINI 54, 331
Chauliognathus 331
Cheguevaria 329
 CHEGUEVARIINI 329
Chelomenes 377
 CHEIRIDEA 538
 CHEIRIDEITAE 538
 CHEIROPLATINA 43, 261
Cheiroplatys 261
 CHELODERIDOS 452
Cheloderus 452
 CHELONARI 297
 CHELONARIIDAE 49, 297
 CHELONARIITES 297
Chelonarium 297
Chelymorpha 516
 CHELYMORPHITES 516
 CHENNIIDES 188
Chennium 188
 CHERROCRINAE 452
Cherrocricus 452
Chevrolatia 215
 CHEVOLATINI 37, 215
 CHEVOLATINI 215
 CHIASOGNATHIDAE 233
 CHIASOGNATHINI 39, 233
Chiasognathus 233
 CHILAPIINI 84, 569
 CHILAPIITAE 569
Chilapion 569
Chilecar 553
 CHILECARINAE 82, 553
 CHILECARINI 82, 553
 CHILENIIDAE 336
Chilenius 336
 CHILOCORIENS 375
 CHILOCORINI 61, 375
Chilocorus 375
Chiloea 294
 CHILOEIDAE 294
Chirida 512
 CHIRIDITES 512
Chiron 238
 CHIRONIDAE 238
 CHIRONINAE 40, 238
 CHIRONTES 238
 CHIROSCOLIDAE 399
Chirosclis 399, 440
 CHIROSCELITES 399
 CHLAENIDES 123
 CHLAENIINA 23, 123
 CHLAENIINI 23, 123
 CHLAENIOCTENINI 124
Chlaenioctenus 124
 CHLAENIODINI 124
Chlaeniodus 124
 CHLAENIONINI 124
Chlaenionus 124
Chlaenius 123
 CHLAMISINAE 534
Chlamisus 534
 CHLAMYDEAE 534
 CHLAMYDINAE 534
 CHLAMYDOPSINAE 28, 162
 CHLAMYDOPSINI 162
Chlamydopsis 162
Chlamys 534
 CHLAMYTES 534
Chlidones 469
 CHLIDONINAE 469
 CHLIDONINI 73, 469
Chloemela 519
 CHLOEMELADAE 519
Chnoodes 375
 CHNOODIENS 375
 CHNOODINI 61, 375, 376
Chnootriba 378
 CHNOOTRIBAIRES 378
 CHOERIDIDAE 242
Choeridiona 518
 CHOERIDIONINI 518
Choeridium 242
 CHOERORHINI 596
 CHOERORHININI 88, 596
Choerorhinus 596
Choleva 170, 171
 CHOLEVIDAE 170, 171
 CHOLEVINA 30, 171
 CHOLEVINAE 30, 170
 CHOLEVINI 30, 171
 CHOLIDES 623
 CHOLINA 91, 623
 CHOLINI 91, 623
 CHOLOMINA 91, 623
 CHOLOMINI 623
Cholomus 623
Cholus 623, 890
 CHONOSTROPHEINA 83, 559
Chonostropheus 559
 CHORAGIDAE 544, 549, 550, 869, 887
 CHORAGINAE 81, 549
 CHORAGINI 81, 550
Choragus 549, 550, 889
Chorenta 456
 CHORINA 527
 CHORINI 527
Chrestomera 184
 CHRESTOMERINA 184
Chromogeotrupes 228
 CHROMOGEOTRUPINI 228
Chromopitila 268
 CHROMOPTILIINA 44, 268
 CHRYSOBOTHRIDAE 284
 CHRYSOBOTHRINI 47, 284
Chrysobothris 284, 889
Chrysocroa 280
 CHRYSOCHROIDAE 280
 CHRYSOCHROINA 46, 280
 CHRYSOCHROINAE 46, 280
 CHRYSOCHROIINI 46, 280
Chrysodema 280, 889
 CHRYSODEMIDAE 280

- CHRYSODEMIDES 280
 CHRYSODÉMIDES 280
 CHRYSODINA 537
 CHRYSODINITAE 537
 CHRYSOLINA 521, 890
 CHRYSOLININA 521
 Chrysolopus 601
 Chrysomela 2, 17, 388, 428, 451, 505, 519, 890
 CHRYSOMELIDAE 77, 110, 260, 265, 431, 469, 505, 536, 638, 640, 870, 871, 880, 881, 884, 885, 887, 889, 890, 894
 CHRYSOMELINAE 79, 451, 505, 519
 CHRYSOMELINI 79, 519
 CHRYSOMELOIDEA 15, 71, 451, 452
 Chrysophona 259
 CHRYSOPHORIDAE 259
 CICERONINAE 231
 Ciceronius 231
 Cicindela 103
 CINCINDELTAE 103
 CINCINDELIDAE 102
 CINCINDELINA 20, 103
 CINCINDELINAE 20, 103, 837, 838
 CINCINDELINI 20, 103, 836, 837
 CICINDINAE 20, 103
 CICINDINI 103
 Cicindis 103
 CIDAE 63, 386
 CINAEE 63, 386
 CHINI 63, 386
 CILLAEINAE 60, 367
 Cillaeus 367
 CIMBERIDAE 540
 CIMBERIDIDAE 540, 874, 887
 CIMBERIDINAE 80, 540
 CIMBERIDINI 80, 540
 Cimperis 540, 891
 CINNABARIINI 45, 275
 Cinnabarium 275
 Cinyra 282
 CINYRINI 282
 CIONIDES 579
 CIONINI 86, 579
 Cionus 579
 CIRCAEIDAE 448
 Circaeus 448
 Cis 386
 CISANTHRIBINI 81, 550
 Cisanthribus 550
 CISIDAE 386
 CISSEINA 48, 289
 Cisseis 289
 Cissiter 441
 CISSITINI 441
 Cistela 427
 CISTELINAE 427
 CLADOGNATHIDAE 233
 Cladognathus 233
 CLADOPHORINAE 325
 Cladophorus 325
 Cladotoma 297
 CLADOTOMINAE 49, 297
 CLADOTOMINI 297
 Cladoxena 357
 CLADOXENINAE 357
 CLAMBIDAE 45, 273
 CLAMBINAE 45, 273
 CLAMBINI 273
 CLAMBOIDEA 272
 Clambus 273
 Clamoris 400
 CLANINI 381
 Clanis 381
 Claviger 179, 180
 CLAVIGERIDES 179, 180
 CLAVIGERINA 31, 180
 CLAVIGERINI 31, 180
 CLAVIGERITAE 31, 179
 Clavigerodes 180
 CLAVIGERODINA 31, 180
 CLAVIGERODINI 180
 CLAVIGEROPINI 180
 Clavigeropis 180
 CLAVILISPININA 36, 211
 Clavilispinus 211
 CLAVIPALPIDAE 251
 CLAVIPALPIDES 251
 Clavipalpus 251
 Cleidecosta 308
 CLEIDECOSTINA 51, 308
 CLEIDECOSTINI 308
 CLEIDOSTETHINI 62, 382
 Cleidostethus 382
 Clema 289
 CLEMATINA 48, 289
 CLEMINA 289
 CLEOGONIDAE 624
 CLEOGONINI 91, 624
 Cleogonus 624
 Cleomenes 469
 CLÉOMÉNIDES 469
 CLEOMENINAE 469
 CLEOMENINI 73, 469
 CLEONIDAE 620
 CLEONIDES 620
 CLEONINI 2, 17, 91, 620, 848, 849, 850, 871
 Cleonis 620
 Cleonus 620
 CLEOPTERIIDAE 166
 CLEOPTERINAE 166, 874
 Cleopterium 166
 CLERIDAE 57, 241, 346, 349, 640, 845, 878, 881, 890
 CLERII 342, 346, 347
 CLERINAE 57, 347, 349
 CLEROIDEA 56, 342, 343, 547, 856, 867, 868
 CLEROPIESTINAE 348
 Cleropiestus 348
 Clerus 342, 346, 347, 890
 CLIDICINI 36, 214
 Clidicus 214
 CLIDONOTIDAE 520
 CLIDONOTTES 520
 Clidonotus 520
 Clinia 500
 CLIMIDIINA 102
 CLINIDIINI 20, 102
 Clinidium 102
 CLINIDAE 500
 CLINIIDES 500
 CLINIINI 500
 CLINOLABINA 554
 Clinolabus 554
 Clinteria 267
 CLINTERIIDAE 267
 CLITOBATES 420
 CLITOBIIINI 420
 Clitobius 420
 CLITOSTYLINA 82, 557
 CLITOSTYLINI 82, 557
 Clitostylus 557
 CLIVINA 108
 CLIVINIDIA 108
 CLIVININA 21, 108
 CLIVINIINI 21, 108
 CLONIOCÉRIDES 490
 CLONIOCERINI 75, 490, 491
 Cloniocerus 490
 CLOSTERI 459
 CLOSTÉRIDES 459
 CLOSTERINAE 459
 Closterus 459
 Clypastraea 383
 Clypeaster 382, 383
 CLYPEASTERIDAE 383
 CLYPEASTRES 382
 CLYTAIRES 469
 Clythra 532
 CLYTHRIDAE 532
 CLYTHIDAE 469
 CLYTINI 73, 469
 Clytra 532
 CLYTRINI 79, 532
 Clytus 469
 CNEMACANTHIDAE 124
 CNÉMACANTHIDES 124
 Cnemacanthus 124
 CNEMALOBINI 23, 124
 Cnemalobus 124
 Cnemeplatia 403
 CNEMEPLATINA 65, 403
 CNEMEPLATINI 65, 403
 CNÉMEPLATITES 403

- CNEMIDONTINI 622
Cnemidontus 622
 CNEMIDOPHORINI 622
Cnemidophorus 622
 CNEMODINI 404
 CNEMODINIINAE 404
 CNEMODININI 65, 404
Cnemodinus 404
Cnemodus 404
 CNEMOGONINI 88, 591
Cnemogonus 591
Cnemoplites 458
 CNÉMOPLITIENS 458
 CNEMOPLITINAE 458
Cneoglossa 296
 CNEOGLOSSIDAE 49, 296
 CNEOGLOSSINI 296
 CNÉORHINIDES 605
 CNÉORHININI 90, 605
Cneorhinus 605
 CNÉORHYNCHIDES 620
CNIDES 114
 CNIDINA 22, 114
 CNIDINI 115
 CNODALIDAE 432
 CNODALIDEN 432
Cnodalon 432
 CNODALONINI 68, 432
 CNOPINA 70, 449
Cnopus 449
Coccidula 376
 COCCIDULAEIDAE 376
 COCCIDULIENS 376
 COCCIDULINI 61, 376
Coccinella 374, 376
 COCCINELLIDAE 61, 374, 376
 COCCINELLINAE 61, 374
 COCCINELLINI 61, 376
Coelaenomenoder 513
 COELAENOMENODERINI 78, 513
 COELARTHRIIDAE 478
 COELARTHRIDES 478
 COELARTHRIINAE 478
Coelarthron 478
 COELINI 404
 COELIODES 591, 890
 COELIODES 527
Coelomera 527
 COELOMERINI 527
 COELOMERITES 527
 COELOMÉRITES 527
 COELOMETOPIDAE 432
 COELOMÉTOPIDES 432
Coelometopon 162
 COELOMETOPONINI 29, 162
Coelometopus 432
 COELONERTINA 87, 588
 COELONERTINI 588
Coelonertus 588
- Coelophora* 377
 COELOPHORAIRE 377
 COELOPHORINA 377
 COELOPTERINI 381
Coelopterus 381
 COELORRHINA 266
 COELORRHINAE 266
Coelostoma 157
 COELOSTOMATINI 28, 157, 873
 COELOSTOMITAE 157
Coelus 404
 COENECARINI 341
 COENOCHILIDAE 264
 COENOCHILINA 43, 264
Coenochilus 264
Coiffaitiella 173
 COIFFAITIOLINA 173
 COLASPIDAE 536
Colaspidema 520
 COLASPIDEMIDAE 520
 COLASPIDÉMITES 520
 COLASPIDINI 536
Colaspis 536
 COLASPOIDES 537
 COLASPOIDINI 537
Colaspoma 537
 COLASPOSOMINI 537
Colecerus 607
 COLEOCERINI 607
Coleocerus 607
 COLEOMERINA 87, 588
 COLEOMERINI 588
Coleomerus 588
 COLEOPTERINI 381
Colilodion 181
 COLILODIONINI 31, 181
 COLLIURIDES 105
 COLLIURINI 138
Colliuris 105, 138
 COLLOPINA 353
Collops 353
 COLLYRIDAE 104
 COLLYRIDINA 20, 104
 COLLYRIDINI 20, 104
 COLLYRIENS 104
Collyris 104, 105
Colobodera 296
 COLOBODERIDES 296
 COLOBODERINAE 297, 874
Colobodes 626
 COLOBODINA 92, 626
 COLOBODINI 626
Colobotea 491
Colobotheca 491
 COLOBOTHEINI 75, 491
 COLOBOTHEITAE 491
Colon 170, 891
 COLONES 170
 COLONINAE 30, 170, 873
- Colophon* 235
 COLOPHONINI 235
Colotes 352
 COLTOTINI 353
Colotis 353
Colpochila 250, 251
 COLPOCHILINI 251
Colpoda 141
 COLPODÉRIDES 455
 COLPODERINAE 455
Colpoderus 455
Colpodes 141
 COLPODIDAE 141, 879
 COLPODIDAS 141
 COLPOSTERNINI 339
Colposternus 339
Colpothis 351
 COLPOTHISIDAE 351
 COLYDIDAE 392, 393, 402, 433, 877
 COLYDIDES 392, 393
 COLYDIINAE 64, 392
 COLYDIINI 64, 393
 COLYDIOPELTINI 57, 343
Colydiopeltis 343
Colydium 392, 393, 893
Colymbetes 149, 150
 COLYMBETINAE 26, 149
 COLYMBETINI 26, 149, 150
Colymbomorpha 248
 COLYMBOMORPHINI 41, 248
 COLYMBOMORPHITAE 248
 COLYMBOTETHIDAE 26, 147
Colymbotethis 147
Cometes 453
 COMÉTITES 453
 COMMATOCERINI 180
Commatocerus 180
 COMOPHORINA 248
 COMOPHORINI 248
 COMOPHORININI 41, 248
Compactopodia 192
 COMPACTOPEDIINA 33, 192
 COMPACTOPEDIINA 192
Compia 474, 608
 COMPSI 608
 COMPSINA 73, 474, 608, 879, 881
 COMPSINI 474, 879, 881
 COMPSOCERINI 73, 469
 COMPSOCERITAE 469
Compsoerus 469
 COMPSOCNEMINA 50, 302
Compsoenemis 302
 COMPSOPLINTHINA 51, 308
 COMPSOPLINTHINI 308
Compsoplinthus 308
Compsooma 491
 COMPSOSOMATINI 75, 491
 COMPSOSOMITAE 491

- COMPOSOMITES 491
Compsus 474, 608
Conalia 390
 CONALIINI 63, 390
 CONDERINI 53, 323
Conderis 323
 CONIATINA 619
Coniatus 619
 CONIONTIDAE 404
 CONIONTINI 65, 404
Coniontis 404
 CONIPORINA 355
Coniporus 355
Conjunctia 102
 CONJUNCTINAE 20, 102
 CONJUNCTINI 102
Conoderes 310, 592, 593
 CONODERIDES 592, 593
 CONODERINAE 88, 309, 592, 593, 881, 882
 CONODERINI 88, 593, 854, 881, 882
Conoderus 309, 593, 852
 CONONOTINI 445
Cononotus 445
 CONOPALPIENS 389
 CONOPALPINA 389
 CONOPALPINI 389
Conopalpus 389
 CONOPHORIDES 593
Conophorus 593
 CONORHYNCHIDES 620
 CONORHYNCHINAE 620
Conorhynchus 620
Conorynchus 620
Conosoma 191
 CONOSOMINI 191
 CONOTRACHELIDES 624
 CONOTRACHELINI 91, 624
Conotrachelus 624
Coomanicella 284
 COOMANIELLINI 47, 284
 COPELATINAE 26, 150
 COPELATINI 150
Copelatus 150
 COPOBAENINAE 70, 447
Copobaenus 447
 COPRIDES 242
 COPRINI 40, 242
Coprinisphaera 272, 890
 COPRINISPHAERIDAE 45, 272, 890
Copris 242, 892
 COPROBIADAE 243
Coprobius 243
 COPROPHILIDA 212
 COPROPHILINA 211
 COPROPHILINI 36, 211, 212
Coprophilus 211, 892
Coprocera 275
- Coptoclava* 147
 COPTOCLAVIDAE 26, 147
 COPTOCLAVINAE 26, 147
Coptoclavisca 147
 COPTOCLAVISCINAE 26, 147
Coptocycla 512
 COPTOCYCLITAE 512
Coptodactyla 242
 COPTODACTYLINI 242
Coptodera 136
 COPTODERINAE 136
 COPTODERINI 136
Coptomia 268
 COPTOMIINA 44, 268
 COPTOMIINI 268
Coptomma 470
 COPTOMMATINI 73, 470
 COPTOMMIDES 470
 COPTONOTIDAE 632
 COPTONOTINI 93, 632
Coptonotus 632
Coptorhynchus 605
 COPTORHYNCHINA 605
Coptotermoeicia 194
 COPTOTERMOCICINA 33, 194
 COPTOTOMINAE 26, 150
 COPTOTOMINI 150
Coptotomus 150
 COPTURIDAE 594
Copturus 594
 CORAEBINA 48, 289
 CORAEBINI 48, 288, 289
Coracabus 288, 289
 CORDOBANINI 34, 195
Cordobanus 195
Cordylospasta 439
 CORDYLOSPASTIDES 439
 CORIGETINI 606
Corigetus 606
Corimalia 571
 CORIMALIINI 85, 571
 CORINTASCARINA 21, 110
 CORINTASCARINI 110
Corintascaris 110
 CORNEOLABIINI 30, 175
Corneolabium 175
Corotoca 195
 COROTOCINA 34, 195
 COROTOCINI 34, 195
 CORRHECERIDES 545
 CORRHECERINI 80, 545
Corrhecerus 545
Corsyna 126
 COSYRINI 126
 CORTHYLI 632
 CORTHYLINA 93, 632
 CORTHYLINI 93, 632
Corthylus 632
Corticaria 384, 895
- CORTICARIDAE 384
 CORTICARIIDAE 384, 873, 895
 CORTICARIINAE 62, 384
 CORTICEINI 431
Corticeus 430, 431
 CORTICINI 394
Corticus 394
 CORYLOPHI 382
 CORYLOPHIDAE 62, 382
 CORYLOPHINAE 62, 382
 CORYLOPHINI 62, 382
Corylophodes 383
 CORYLOPHODINI 383
Corylophus 382
Corymbites 315
 CORYMBITINAE 315
 CORYMBITINI 315
Coryna 440
 CORYNEMERINA 88, 593
 CORYNEMERINAE 593
Corynemerus 593
Corynetes 348
 CORYNETIDAE 348
 CORYNITES 440
Corynodes 536
 CORYNODINA 536
Corynofrea 490
 CORYNOFREINAE 490
 CORYNOMALIDAE 373
Corynomalus 373
 CORYPHINA 31, 175, 176
 CORYPHINI 30, 175
Coryphium 175, 176, 892
Coryphocera 266
 CORYPHOCERIDAE 266
 CORYPHOCERINA 44, 266
 CORYPTICIDAE 233
Corypticus 233
Coryptus 233
 CORYSSOMERINA 593
 CORYSSOMERINI 88, 593
Coryssomerus 593
 CORYSSOPIDES 593
 CORYSSOPINI 593
 CORYSSOPODINI 88, 593, 594
Coryssopus 593
 CORYTHODERINA 239
 CORYTHODERINI 40, 239
Corythoderus 239
Coscinia 112
 COSCINIDES 112
 COSMOCERINAE 339
 COSMOCEROIDEOS 339
Cosmocerus 339
 COSMOVALGINAE 272
Cosmotalgus 272
Cosmania 138
 COSSINODERIDES 620
Cassinoderus 620

- COSSONIDES 595, 596
 COSSONINAE 88, 595, 843, 849
 COSSONINI 88, 596
Cossomus 595, 596
 COSSYPHINAE 397, 876
 COSSYPHINI 64, 397, 398
Cossyphodes 404
 COSSYPHODIDAE 404
 COSSYPHODINA 65, 404
 COSSYPHODINI 65, 404
Cossyphodites 404
 COSSYPHODITINA 65, 404
 COSSYPHODITINAE 404
 COSSYPHORES 398
Cossyphus 398
 COSTODERIDES 136
Cotaster 596
 COTASTERIDEN 596
 COTASTERINEN 596
 COTASTERINI 596
 COTASTEROMIMINA 92, 630
 COTASTEROMIMINI 630
Cotasteromimus 630
Cotasterotoma 598
 COTASTEROSOMINI 598
 COTASTRINI 596
 COXELINI 394
Coxelus 394
 CRANIOTINI 402
Craniotus 402
 CRANOPHORAIRES 378
 CRANOPHORINI 61, 378
Cranophorus 378
 CRANOPEINI 86, 579
Cranopeus 579
 CRASPEDOMERI 223
Craspedomerus 223
 CRATACANTHI 130
Cratacanthus 130
Cratocara 131
 CRATOCARINI 131
 CRATOCERI 124
 CRATOCERIDAE 124
 CRATOCÉRIDES 124
 CRATOCERINI 23, 124
Cratocerus 124
Cratogaster 143
 CRATOCASTRI 143
 CRATOGNATHIDAE 129
Cratognathus 129
 CRATOMORPHI 327
 CRATOMORPHINI 54, 327
Cratomorphus 327
 CRATONYCHIDAE 317
 CRATONYCHINI 318, 872
Cratonychus 317
 CRATOPARES 545
 CRATOPARINI 80, 545
Cratoparis 545
 CRATOPINI 605
 CRATOPODINI 90, 605
Cratopus 605
 CREMASTOCHEILINA 43, 264
 CREMASTOCHEILINI 43, 263, 875
Cremaστοcheilus 263, 264
 CREMASTOCHEILIDAE 263, 264
 CREMATOXENINI 34, 197
Cremaστοxenus 197
 CREOBIIINA 21, 112
 CREOBITAE 112
Creobius 112
 CREOPHILIDAE 223
Creophilus 223, 892
Crepidodera 523
 CREPIDODERAE 523
 CRÉPIDODÉRITES 523
Crepidogaster 121
 CREPIDOGASTRINI 23, 121
 CREPIDOGASTRITAE 121
 CREPIDOMENINAE 313
 CREPIDOMENINI 51, 313
 CRÉPIDOMÉNITES 313
Crepidomenus 313
 CRETANTHRIBINI 80, 545
Cretanthribus 545
 CRETOCHODAEINAE 39, 236
 CRETOCHODAEINI 236
Cretochodacus 236
Cretocoma 225
 CRETOCOMINAE 38, 225
 CRETOCOMINI 225
Cretogeotrupes 228
 CRETOGEOTRUPINI 38, 228
 CRETOGLAPHYRINAE 40, 238
 CRETOGLAPHYRINI 238
Cretoglyphyrus 238
Cretomelolontha 248
 CRETOMELOLONTHINI 41, 248
 CRETONEMONYCHINAE 80, 544
Cretonemonyx 544
Cretonodes 334
 CRETONODINI 55, 334
 CRETOSCARABAEINAE 41, 245
Cretoscarabaeus 245
 CRETULINI 85, 575
Cretulio 575
 CRINOTARSIDES 492
 CRINOTARSINI 492
Crinotarsus 492
 CRIOCEPHALINAE 464
 CRIOCÉPHALITES 464
Criocephalus 464
 CRIOCERIDES 509
 CRIOCERINAE 78, 509
 CRIOCERINI 78, 509
Criocerus 509, 890
 CRIOMORPHATES 464
 CRIOMORPHINI 464
Criomorphus 464
 CROSSOTARSARIAE 638
Crossotarsus 638
 CROSSOTINA 75, 490
 CROSSOTITAE 490
Crossotus 490
Crowsoniella 95
 CROWSONIELLIDAE 18, 95
Crymus 177
Cryphaeus 426, 865
 CRYPHALINI 93, 632
 CRYPHALOIDEAE 632
Cryphalus 632
Cryphiphorus 613
 CRYPTAFRICINI 59, 361
Cryptafricus 361
Cryptamorpha 362, 363
 CRYPTAMORPHINI 363
Cryptarcha 367
 CRYPTARCHINA 367
 CRYPTARCHINAE 60, 367
 CRYPTARCHINI 60, 367
 CRYPTICINA 428
 CRYPTICINI 68, 428, 864
 CRYPTICITES 428
Crypticus 428
 CRYPTOBIA 218
 CRYPTOBIA 218
 CRYPTOBIIINA 37, 218
 CRYPTOBIIINAE 218
Cryptobium 218
 CRYPTOCARDIINI 51, 308
Cryptocardius 308
 CRYPTOCEPHALINA 79, 533
 CRYPTOCEPHALINAE 79, 532
 CRYPTOCEPHALINI 79, 532
 CRYPTOCEPHALOIDEAE 532, 533
Cryptocephalus 532, 533, 890
Cryptochile 405
 CRYPTOCHILIDAE 405
 CRYPTOCHILINA 65, 405
 CRYPTOCHILINI 65, 405
 CRYPTOCHILITES 405
Cryptodacne 358
 CRYPTODACNINI 358
Cryptoderma 8, 571
 CRYPTODERMATINAE 8, 85, 571
 CRYPTODERMAE 571
 CRYPTODINA 43, 262
 CRYPTODINAE 262
 CRYPTODINI 262
Cryptodon 262, 270
Cryptodontes 262, 270
 CRYPTODONTIDAE 262, 270, 884
 CRYPTODONTIDES 270
 CRYPTODONTINA 44, 262, 270, 884
Cryptodus 262
 CRYPTOGENIINI 237
Cryptogenius 237

- Cryptoglossa* 406
 CRYPTOGLOSSINI 65, 405, 406, 876
Cryptognatha 378
 CRYPTOGNATHAIRES 378
 CRYPTOGNATHINI 61, 378
 CRYPTOHYPI 314
 CRYPTOHYPINAE 314
 CRYPTOHYPINI 314, 872
 CRYPTOHYPNITES 314
Cryptobygnus 314
 CRYPTOLAEMAIRE 381
Cryptolaemus 381
 CRYPTOLARYNGINAE 85, 575
Cryptolarynx 575
Cryptomera 273
 CRYPTOMERIDAE 273
Cryptommata 596
 CRYPTOMMATINI 88, 596
 CRYPTONOTOPSEINI 34, 197
Cryptonotopsis 197
 CRYPTONOTOPSISINI 197
 CRYPTONYCHINI 78, 513
 CRYPTONYCHITES 513
Cryptonychus 513
 CRYPTOPHAGIDAE 59, 359, 360, 871, 881, 882, 890
 CRYPTOPHAGINAE 59, 359, 881, 882
 CRYPTOPHAGINI 59, 360, 881, 882
Cryptophagus 359, 360, 890
 CRYPTOPHARYNGINAE 575
Cryptopharynx 575
 CRYPTOPHILINAE 58, 357
 CRYPTOPHILINI 58, 357
Cryptophilus 357
 CRYPTOPLI 579
 CRYPTOPLIDES 579
 CRYPTOPLINI 86, 250, 579
Cryptoplus 579
Cryptops 574
 CRYPTOPSIDES 574
 CRYPTORAMORPHINI 341
Cryptoramorphus 341
 CRYPTORHYNCHIDES 598, 599
 CRYPTORHYNCHIDIINI 599
Cryptorhynchidius 599
 CRYPTORHYNCHINA 89, 599
 CRYPTORHYNCHINAE 89, 598, 599, 887
 CRYPTORHYNCHINI 89, 599
Cryptorhynchus 598, 599, 890
Cryptosomatula 361
 CRYPTOSOMATULINI 361
Cryptostoma 306
 CRYPTOSTOMIDAE 306
 CRYPTURGI 633
 CRYPTURGINI 93, 633
Crypturgus 633
Ctenicera 315, 854
 CTENICERINA 315
- CTENICERINAE 315
 CTENICERINI 315
Ctenidia 389
 CTENIDIINAE 63, 389
 CTÉNIOPITES 427
 CTENIOPODIDAE 427
 CTENIOPODINAE 426, 876
 CTENIOPODINI 2, 17, 67, 427, 428
Cteniopus 427
Ctenistes 188
 CTENISTINI 33, 188
 CTÉNISTITES 188
Ctenodactyla 125
 CTENODACTYLIDAE 125
 CTENODACTYLINI 23, 125
 CTENOPHORIDAE 633
Ctenophorus 633
Ctenoscelis 456
 CTENOSCELITAE 456
Ctenostoma 105
 CTENOSTOMATINI 20, 105
 CTENOSTOMIDAE 105
Ctesias 335
 CTESIBIINAE 299
 CTESIBIINI 50, 299
Ctesibius 299
 CTESIINI 335
Cubispa 536
 CUBISPINI 79, 536
 CUCUJIDAE 2, 18, 59, 363, 429, 839, 840, 841, 890
 CUCUJIPES 353, 363
 CUCUJOIDEA 4, 58, 353, 492, 839, 840, 855, 856, 857, 867, 868
Cucujus 353, 363, 890
 CUNEIPECTINI 23, 125
Cuneipector 125
Cuneipectus 125
 CUPEDIDAE 8, 18, 95
 CUPEDINAE 18, 95
Cupes 8, 95
 CUPESIDAE 95
Curculio 540, 577, 580, 844
 CURCULIONIDAE 2, 15, 17, 86, 107, 137, 160, 169, 176, 201, 246, 250, 253, 281, 310, 360, 415, 474, 494, 564, 567, 570, 572, 574, 577, 578, 603, 607, 608, 611, 616, 620, 621, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 871, 879, 881, 882, 885, 887, 890, 891, 894
 CURCULIONINA 86, 580
 CURCULIONINAE 86, 576, 577, 578, 841, 844
 CURCULIONINI 86, 580
 CURCULIONITES 540, 577, 580
 CURCULIONOIDEA 4, 15, 80, 98, 540, 640, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 854, 855, 856, 858, 864, 866, 867
- CURCULIOPSIDAE 98
Curculiopsis 98
 CURIDINA 47, 284, 285
 CURIDINI 47, 284
 CURII 470
 CURINI 73, 470
Curis 284, 285
Curius 470
Curtus 329
 CURTOSINI 54, 329
Cussolenis 311
 CUSSOLENTAE 311
Cyathiger 186
 CYATHIGERINI 32, 186
 CYATHOCERIDAE 10, 98
 CYATHOCEROIDEA 98, 873
Cyathocerus 98
 CYBÉBIDES 569
 CYBEBINAE 569
 CYBEBINI 569
 CYBEBITAE 85, 569
Cybebus 569
Cybister 151
 CYBISTERINI 26, 151
 CYBISTRINI 151
 CYBOCEPHALIDAE 368
 CYBOCEPHALINAE 60, 368
 CYBOCÉPHALITES 368
Cybocephalus 368
 CYCHRAMIDAE 366
 CYCHRAMINI 60, 366
Cychnamptodes 366
 CYCHRAMPTODINI 60, 366
Cychnamus 366
 CYCHRII 106
 CYCHRINI 20, 106
Cychnus 106
Cyclaxyna 365, 891
 CYCLAXYRIDAE 59, 365, 640, 891
 CYCLAXYRINAE 365
Cyclocephala 260
 CYCLOCEPHALIDAE 260
 CYCLOCEPHALINI 43, 260
 CYCLOCEPHALITES 260
 CYCLOMIDES 600, 602
 CYCLOMINAE 89, 580, 582, 586, 600, 603, 845
 CYCLOMINI 89, 602
 CYCLOMMATINI 235
Cyclommatus 235
Cyclomus 600, 602
 CYCLONOTAIRE 157
 CYCLONOTIDES 157
 CYCLONOTINI 157, 873
Cyclonotum 157
 CYCLOPTERIDAE 609

- CYCLOPTERINI 609
Cyclopterus 609
 CYCLOSOMIDAE 125
 CYCLOSOMINA 23, 125
 CYCLOSOMINI 23, 125
Cyclosomus 125
Cycloteres 624
 CYCLOTÉRIDES 624
 CYCLOTÉRINA 91, 624
 CYCLOTÉRINI 91, 624
Cyclotoma 373
 CYCLOTOMIDAE 373
 CYCLOXENINI 369
Cycloxenus 369
 CYCNOTRACHELINA 556
Cycnotrachelus 556
 CYDISTINAE 54, 331
Cydistus 331
Cydonia 377
 CYDONIAIRES 377
 CYDONIINA 377
 CYLADES 563
 CYLADINI 84, 563
Cylas 563
 CYLIDRINA 346
Cylidrus 346
 CYLINDRINOTINA 67, 417
Cylindrinotus 417
 CYLINDROBROTINI 93, 633
Cylindrobrotus 633
 CYLINDROCOPTURINI 595
Cylindrocopturus 595
Cylindrocorymus 599
 CYLINDROCOSYNINAE 599
 CYLINDROMORPHINA 48, 288
 CYLINDROMORPHINI 288
 CYLINDROMORPHOIDES 288
 CYLINDROMORPHOIDINA 48, 288
 CYLINDROMORPHOIDINI 288
Cylindromorphus 288
 CYLINDRONOTINI 417
Cylindronotus 417
 CYLINDRORHINIDES 605
 CYLINDRORHININAE 605
Cylindrorhinus 605
 CYLINDROTHORIDES 427
Cylindrothorus 427
 CYLINDROXYSTINA 37, 219
 CYLINDROXYSTINI 219
Cylindroxystus 219
Cyllene 469
 CYLLENITAE 469
 CYLLIDAIRES 155
Cyllidium 155
Cyllodes 366
 CYLLODINI 60, 366
Cylloma 157
 CYLLOMINA 157
Cyloma 157
- CYLYDRORHININI 90, 605
Cyllydrorhinus 605
 CYMATOPTERINI 150
Cymatopterus 150
 CYMBIONOTINI 113
Cymbionotum 112, 113
 CYMINDIDAE 134
 CYMINDIDINA 24, 134
Cymindis 134
 CYMOPHORINA 43, 264
Cymophorus 264
 CYNEGETIDES 378
 CYNEGETINI 61, 378
Cynegetis 378
Cyno 535
 CYNOINI 535
Cyparella 209
 CYPARELLINI 209
 CYPARIINI 36, 209
Cyparium 209
Cypha 201
 CYPHAGOGINA 84, 563
 CYPHAGOGINAE 563
 CYPHAGOGINI 84, 563
Cyphagogus 563
 CYPHALÉIDES 416
 CYPHALEINA 66, 416
 CYPHALEINAE 416
 CYPHALEINI 416
Cyphaleus 416
Cyphaea 200
 CYPHEAE 200
 CYPHI 611
 CYPHICÉRIDES 605, 606
 CYPHICERINA 90, 606
 CYPHICERINAE 606
 CYPHICERINI 90, 605, 606
Cyphicerus 605, 606
 CYPHIDES 611
 CYPHINAE 201
 CYPHINI 201
Cypholoba 122
 CYPHOLOBINI 122
Cyphon 273
 CYPHONIDAE 273
 CYPHONOCERINAE 326
Cyphonocerus 326
Cyphosoma 143
 CYPHOSOMATINI 143
Cyphus 201, 611
 CYRIONICHINI 590
 CYRIONYCHINA 87, 590
Cyrionyx 590
 CYRTHOGNATHITAE 460
Cyrthognathus 460
 CYRTININI 75, 491
 CYRTINITAE 491
Cyrtinus 491
 CYRTODERINI 143
- Cyrtoderus* 143
 CYRTOGNATHITES 460
Cyrtognathus 460
 CYRTOLAINA 126
Cyrtolaus 126
Cyrtomon 611, 846
 CYRTONITES 520
 CYRTONOPINI 71, 453
Cyrtoneops 453
Cyrtonus 520
Cyrtoscapia 451
 CYRTOSCAPITHINI 451
 CYRTOSCYDMINI 10, 37, 215
Cyrtoscydmus 215
 CYRTOTRIPLACINA 358
Cyrtotriplax 358
Cyrtusa 169
 CYRTUSINA 169
 CYSTEODEMIDES 439
Cystodemus 439
Dacne 8, 357, 358
 DACNEIDAE 358
 DACNINI 8, 59, 357
 DACODERINAE 70, 446
 DACODERINI 446
Dacoderus 446
 DACTYLIPALPI 634
Dactylipalpus 634
Dactylolepis 412
 DACTYLOCALCARINI 412
Dadobia 194
 DADOBIINA 194
Dadophora 327
 DADOPHORINA 54, 327
 DADOPHORINI 327
Daemon 296
Daina 318
 DAIRAEIDAE 318
Dalmodes 187
 DALMODIINA 187
 DALMODIINI 187
Dalyat 109
 DALYATINAE 109
 DALYATINI 21, 109
Danacaea 351
 DANACAEINA 351
 DANACAEOMIMINI 351
Danacaecomimus 351
 DANACEA 351
 DANACEINI 58, 351
 DANACERINAE 435
 DANASCELINAE 61, 373
Danascelis 373
Daneres 435
Dapsa 373
 DAPSIINI 373
 DAPTINI 129
Daptus 129
 DARAMINA 73, 472

- Darampus* 472
Darodilia 143
 DARODILIINI 143
 DASCILLIDAE 274
 DASCILLIDAE 45, 274, 275, 872
 DASCILLINAE 45, 274
 DASCILLINI 45, 275
 DASCILLOIDEA 45, 274, 859, 872
Dascillus 274, 275
 DASTARCINI 369
Dastarcus 369
 DASYCERINAE 31, 178
 DASYCERINI 178
Dasycerus 178
 DASYDITES 350, 351
Dasytes 350, 351
 DASYTETOIDAE 351
 DASYTINAE 57, 350, 351
 DASYTTINI 58, 351
 DASYVALGINAE 272
Dasyvalgus 272
Daveyia 189
 DECAMERINAE 343
 DECAMERINI 57, 343
Decamerus 343
 DECARTHIRINA 8, 32, 186
Decarthrocera 526
 DECARTHROCERINA 526
 DECARTHROCERINI 79, 526
Decarthron 8, 186
 DECARTHRONINI 186
Decataphanes 545
 DECATAPHANIDES 545
 DECATAPHANINI 81, 545
 DECATOPHANINAE 545
Declinia 272
 DECLINIIDAE 45, 272
Dectes 486
 DECTITAE 486
Decusa 204
 DECUSINI 204
 DÉILATES 470
 DEILINI 73, 470
Deilus 470
 DEINOPSINI 34, 197
Deinopsis 197
Dejanira 470
 DÉJANIRIDES 470
 DEJANIRINAE 470
 DEJANIRINI 73, 470
Deleaster 212
 DELEASTERINI 212
Delevea 99
 DELEVEINAE 19, 99
 DELINIINI 143
Delinius 143
Delocheilus 455
 DELOCHILI 455
 DÉLOCHILIENS 455
Delochilus 455
Delocrania 513
 DELOCraniINI 78, 513
 DELOCraniITAE 513
Delphastus 378
 DELPHINIDAE 216
 DELTOCHILA 243
 DELTOCHILIDAE 243
 DELTOCHILIDES 243
 DELTOCHILINI 41, 243
Deltochilum 243
Deltochenis 169
 DELTOMERIDAE 116
 DELTOMERINA 22, 116
Deltomerodes 117
 DELTOMERODINA 22, 117
Deltoomerus 116
Demarziella 242
 DEMARZIELLINI 242
 DEMETRIADINA 24, 134
Demetrius 134
 DEMETRIINAE 134
Demimaea 585
 DEMIMAEINA 87, 585
 DEMIMAEINI 585
 DENDARINA 67, 421
Dendarus 421, 422
Dendezia 234
 DENDEZIINI 234
 DENDROCHARINI 50, 303
Dendrocharis 303
 DENDROCTONIDES 634
Dendroctonus 634, 890
 DENDROMETRIDAE 313
 DENDROMETRINA 51, 313
 DENDROMETRINAE 51, 313, 854, 855
 DENDROMETRINI 51, 313
Dendrometrus 313
 DENDROPHAGIDAE 362
Dendrophagus 362
 DENDROPHILINAE 28, 159
 DENDROPHILINI 28, 159, 160
Dendrophilus 159, 160
 DENDROPLANETIDAE 347
Dendroplanetes 347
 DENDROSININI 636
Dendrosinus 636
 DENTICOLLINA 51, 313
 DENTICOLLINAE 313, 854, 872
 DENTICOLLINI 313, 314
Denticollis 313, 314
 DEPASOPHILINA 83, 561
Depasophilus 561
 DEPORAINA 83, 559
 DEPORAINI 83, 559
Deporaus 559
 DERALLINI 155
Derallus 155
 DÉRANCISTRINES 462
 DERANCISTRINI 462
Derancistrus 462
Derbyella 599
 DERBYELLINA 599
DERCETINA 528
 DERCYLIDAE 126
 DERCYLINI 23, 126
Dercylus 126
 DERELOMIDAE 577
 DÉRÉLOMIDES 577
 DERELOMINA 86, 577
 DERELOMINI 577
Derelomus 577
Derema 203
 DEREMINI 203
 DERETAPHRINI 369
Deretaphrus 369
DERIDEA 437
 DERIDEIDES 437
 DERIDEINAE 437
 DERIDEINI 68, 437
Dermatodes 605
 DERMATODINI 605
 DERMATOHOMOEINI 169
Dermatohomocerus 169
Dermestes 333
 DERMESTIDAE 55, 333, 891
 DERMESTINAE 55, 333
 DERMESTINI 55, 333
 DERMESTOIDES 348
 DERMESTOIDINI 348
 DEROBACHITAE 461
Derobrachus 460, 461
 DERODONTIDAE 55, 332
 DERODONTINAE 55, 332
 DERODONTOIDEA 55, 332, 856, 867, 872
Derodontus 332
 DEROLATHRIINAE 333
Derolathrus 333
Deronectes 152
 DERONECTINI 152
 DEROPINI 33, 190
Derops 190
 DEROPSINI 190
 DESMATINI 52, 320
Desmatus 320
 DESMIDOPHORINAE 576
 DESMIDOPHORINI 86, 576
Desmidophorus 576
Desmiphora 491
 DESMIPHORINI 75, 491
 DESMIPHORITAE 491
 DESMOCERINI 72, 462
 DESMOCERITAE 462
 DESMOCÉRITES 462
Desmocerus 462
 DESMONYCHINA 43, 258

- DESMONYCHINAE 258
 DESMONYCHINAE 258
Desmonyx 258
 DESMORHINES 584
Desmoris 584
Deuteroaulobius 247
 DEXORINAE 53, 325, 326
 DEXORINI 325
Dexoris 325, 326
Dhysores 101
 DHYSORINA 101
 DHYSORINI 20, 101
 DIABATHRARIIDES 580
 DIABATHRARIINAE 580
 DIABATHRARIINI 86, 580
Diabathrarius 580
Diabrotica 529
 DIABROTICINA 529
 DIABROTICINI 529
 DIABROTICITES 529
 DIACANTHIDAE 315
Diacanthus 315
 DIAMERINAE 633
 DIAMERINI 93, 633
Diamerus 633
Diamphidia 523
 DIAMPHIDIIDAE 523
 DIAMPHIDIINI 523
 DIAMPHIDIITES 523
 DIAPERIALAE 428, 429
 DIAPERIDAE 397
 DIAPERINA 68, 429
 DIAPERINAE 68, 400, 415, 428, 865
 DIAPERINI 68, 428, 864
Diaperis 428, 429, 893
Diaphanops 505
 DIAPHANOPSIDINI 77, 505
Diaphonia 268
 DIAPHONIADAE 268
 DIAPODARIAE 638
 DIAPODINA 93, 638
 DIAPODINI 638
Diapus 638
 DIARTHRICERINI 180
Diarthricerus 180
 DIATELITAE 209
Diatelium 209
Dibolia 523
 DIBOLIAE 523
 DIBOLINI 523
 DIBOLITES 523
 DICAELINA 24, 137
Dicaelus 137
Dicerca 281, 889
 DICERCAEIDAE 281
 DICERCINA 46, 281
 DICERCINI 46, 281
Dicheirotichus 131
 DICHELIDAE 249
 DICHELIDEN 249
 DICHELONYCHIDAE 248
 DICHELONYCHINI 41, 248
Dichelonyx 248
Dichelus 249
 DICHILLINA 411
Dichillus 411
 DICHIROTRICHI 131
Dichirotrichus 131
Dichophya 473
 DICHOPHYIAEIDAE 473
 DICHOTOMIINI 242
Dichotomius 242
 DICHOTRACHELINI 89, 602
Dichotrachelus 602
 DICOELIDAE 137
Dicoelus 137
Dicrania 251
 DICRANIADAE 251
Dicranocephalus 266
Dicranosterna 521
 DICRANOSTERNINI 521
 DICREPIDIINI 52, 317
 DICREPIDIITAE 317
Dicrepidius 317
Dicrochile 137
 DICROCHILINA 24, 137
 DICRODONTINA 25, 146
 DICRODONTINI 146
Dicrodontus 146
 DICRONOCEPHALINA 44, 266
Dicronocephalus 266
 DICRONYCHIDAE 319
Dicronychus 319
 DICTYOPTERA 321
 DICTYOPTERINAE 53, 321
 DICTYOPTERINI 53, 321
Didactylia 239
 DIDACTYLINA 40, 239
 DIDREPANEPHORINA 43, 259
Didrepanephorus 259
 DIDREPANOPHORINA 259
Didrepanophorus 259
Didymonycha 488
 DIDYMONYCHINI 488
 DIEROPSINAE 347
Dieropsis 347
Diestota 197
 DIESTOTATES 197
 DIESTOTINI 34, 197
Dietta 168
Diglossa 197
 DIGLOSSAIRES 197
 DIGLOSSINI 198
Diglossa 197, 198
 DIGLOTTINA 198
 DIGLOTTINI 34, 197, 198
 DIGNAMPTINI 433, 877
Dignamptus 433
 DIGRAMMINI 34, 198
Digrammus 198
 DIHAMMATINI 53, 323
Dihammatus 323
 DILAMITES 420
Dilamus 420
 DILOLYCINA 325
 DILOLYCINAE 325
Dilobycus 325
Dilophochila 257
 DILOPHOCHILINA 257
Dilophotes 323
 DILOPHOTINAE 322, 323
 DILOPHOTINI 53, 323
Dima 314
 DIMERINI 32, 182
 DIMEROMETOPINI 180
Dimerometopus 180
Dimerus 182
Dimetrota 194
 DIMETROTAE 194
 DIMINAE 314, 853
 DIMINI 51, 314
 DIMITES 314
Dimonomena 203
 DIMONOMERINI 203
Dinapate 336
 DINAPATINAE 336
 DINAPATINI 55, 336
Dinarda 204
 DINARDAIRES 204
 DINARDINA 35, 204
 DINARDINI 204
 DINARDOPSES 200
 DINARDOPSINA 34, 200
Dinardopsis 200
 DINARDOPSIS 200
Dineutes 100
 DINEUTIDES 100
 DINEUTINA 19, 100
Dinocoryna 202
 DINOCORYNAE 202
 DINODERINA 337
 DINODERINAE 56, 337
Dinoderus 337
 DINOMORPHIDES 624
 DINOMORPHINAE 624
 DINOMORPHINI 92, 624
Dinomorphus 624
Dinorhopala 583
 DINORHOPALINA 87, 583
Dinororhopala 583
 DINORRHOPALINA 583
Diocalandra 572
 DIOCALANDRINI 85, 572
 DIOCHI 221
 DIOCHINAE 221
 DIOCHINI 38, 221
Diochus 221

- Diocetes* 129
 DIOCTINI 129
Diodesma 395
 DIODESMINI 395
 DIOMINI 61, 378
Diomus 378
 DIORINAE 470
 DIORINI 73, 470
Diorus 470
Dioryche 129
 DIORYCHI 129
 DIORYMERIDES 588
 DIORYMERINA 87, 588
Diorymerus 588
 DIPELICINA 43, 261
Dipelicus 261
Diphaulaca 526
 DIPHAULACINI 526
Diphucephala 248
 DIPHUCEPHALINI 41, 248
 DIPHUCÉPHALITES 248
Diphucrania 289
 DIPHYCERINI 41, 249
Diphycerus 249
 DIPHYCOCEPHALOIDAE 248
 DIPHYLLIDAE 356
Diphyllastoma 231
 DIPHYLLOSTOMATIDAE 39, 231
Diphyllus 356
Diplocheila 137
 DIPLOCYRTHINI 414
Diplocyrtus 414
Diplocyrtus 414
Diplognatha 265
 DIPLOGNATHIDAE 265
 DIPLOGNATHINI 44, 265
 DIPLTAXIDAE 249
 DIPLTAXINI 41, 249
Diplotaxis 249
Dircaea 388
 DIRCAEIDAE 388
 DIRCAEINI 63, 388
 DIRRHAGINI 50, 301
Dirrhagus 301, 865
 DIROTOGNATHINI 618
Dirotognathus 618
 DIRRHAGINI 301
Dirrhagus 301
 DISARTHRICERINA 31, 180
Disarthricerus 180
 DISCHERAMOCEPHALINI 29, 165
Discheramocephalus 165
Discoloma 8, 370, 371
 DISCOLOMATIDAE 60, 370
 DISCOLOMATINAE 8, 61, 371
 DISCOLOMIDAE 370, 371
 DISCOPTERA 126
 DISCOPTERINI 126
Discotenes 546
 DISCOTÉNIDES 546
 DISCOTENINI 81, 546
Discotoma 377
 DISCOTOMAIRES 377
 DISCOTOMINI 377
Dismorphia 289
 DISMORPHINA 48, 289
Disonycha 525
 DISONYCHAE 525
 DISONYCHINA 525
 DISPHAERICINI 140
Disphaericus 140
Disphericus 140
 DISSONOMINI 66, 415, 416
 DISSONOMITES 416
Dissonomus 415, 416
Distenia 453
 DISTENIIDAE 71, 453
 DISTENIIDINAE 451
 DISTENIINI 71, 453
 DISTENITAE 453
 DISTENORRHININAE 80, 542
 DISTENORRHININI 542
DISTENORRHINOIDES 552
 DISTENORRHINOIDINI 81, 552
Distenorrhinus 542
Disterna 504
 DISTERNINAE 504
Distichocera 470
 DISTICHO CERINAE 470
 DISTICHO CERINI 73, 470
 DISTICHO CÉRITES 470
Distysidera 104
Distysidera 104
 DISTYPSIDERINI 104
Ditoma 394
 DITOMICI 129, 394
 DITOMIDAE 394
 DITOMINI 129
Ditomus 129, 394
Ditropalia 200
 DITROPALINI 200
 DITYLATES 436
 DITYLES 436
 DITYLIDAE 436
 DITYLINI 68, 436
Ditylus 436
Dodococerus 484
 DODOHAMMIDI 496
Dodohammus 496
 DODECOSINI 73, 470
Dodecasis 470
 DOLEROSOMINI 317
Dolerosomus 317
 DOLICAENA 219
Dolicaen 219
 DOLICAONES 219
 DOLICAONINA 37, 219, 875
 DOLICHIDAE 144
 DOLICHIENS 144
 DOLICHINA 25, 144
Dolichus 144
Doliema 429
 DOLIEMINI 429
 DOLOSIDAE 370
Dolusus 370
 DOMINIBRENTINA 84, 564
 DOMINIBRENTINI 564
Dominibrentus 564
Donacia 509
 DONACIADAE 509
 DONACIINAE 78, 509
 DONACIINI 78, 509
Donacocia 509
 DONACOCIADAE 509
 DONDROPLANETIDAE 347
 DORCACÉRIDES 484
 DORCACERINAE 484
Dorcacerus 484
Dorcadida 498
 DORCADIDIDES 498
 DORCADIDINI 498
Dorcadion 493
 DORCADIONINAE 493
 DORCADIONINI 76, 493
 DORCADOCERINI 484
 DORCADODIDAE 493
Dorcadodium 493
Dorcaschema 493
 DORCASCHEMATINI 76, 493
 DORCASCHEMITAE 493
 DORCASOMIDES 465
 DORCASOMINAE 72, 465
 DORCASOMINI 465
Dorcasomus 465
Dorcatoma 340, 341, 892
 DORCATOMINA 340
 DORCATOMINAE 56, 340
 DORCHASCHEMITAE 493
 DORCIDAE 233
Dorcus 233
Dorkatoma 340
Dorylogaster 198
 DORYLOGASTRINI 34, 198
 DORYLOMININI 34, 198
Dorylomimus 198
Dorylaphila 203
 DORYLOPHILINA 35, 203
 DORYLOPHILINI 203
Dorymota 513, 514
 DORYNOTINI 78, 513, 514, 871
Doryphora 519, 521
 DORYPHORAE 519
 DORYPHORES 519, 521
 DORYPHORINA 519
 DORYPHORINI 521
 DORYSCELIENS 269
 DORYSCELINA 44, 269

- Doryscelis* 269
 DORYSCITES 531
Doryscus 531
Dorythenes 460
 DORYTOMINA 86, 580
 DORYTOMINI 580
Dorytomus 580
 DOYDIRHYNCHINI 8, 80, 541
 DOYDIRHYNCHOIDEA 541
Doydirhynchus 8, 541
 DRACONEMATIDAE 345
Drapetes 311, 867
 DRAPETINI 311
Drapetis 311
Drasteria 309
 DRASTERIINI 309, 882
Drasterius 309, 891
 DRÈPANOCÉRIDES 244
 DREPANOCERINA 41, 244, 875
 DREPANOCERINI 244
Drepanocercus 244
 DREPANOXENINI 34, 198
Drepanoxenus 198
Drilaster 332
 DRILIDAE 52, 320
 DRILINAE 52, 320
 DRILITES 320
 DRILONIINAE 54, 329
Drilonius 329
Drilus 320
Drimostoma 126
 DRIMOSTOMATINI 23, 126
 DRIMOSTOMIDAE 126
 DRIMOSTOMIDAS 126
 DROMAEOINI 305
Dromaeolus 305
Dromica 103
 DROMICINA 20, 103
 DROMICITAE 103
 DROMIEI 134
 DROMIIDAE 134
Dromius 134, 889
 DROMIUSIDAE 134, 887
 DROMIUSINA 24, 134
 DROMIUSINI 133
 DROSOCRINI 418
Drosochrus 418
Dryala 387
 DRYALATES 387
Dryobia 339, 471
 DRYOBIDAE 339, 471
 DRYOBIINI 73, 339, 471, 879, 884
Dryobius 339, 471
Dryocetes 633, 890
 DRYOCOETINI 93, 633
 DRYOCOETOIDEAE 633
Dryoctenes 486
 DRYOCTENINI 486
 DRYOCTENITAE 486
 DRYOPHILIDAE 338, 471
 DRYOPHILINAE 56, 338
 DRYOPHILINI 56, 338
Dryophilus 338, 339
 DRYOPHTHORIDAE 85, 571, 891
 DRYOPHTHORIDES 571
 DRYOPHTHORINAE 85, 571
Dryophthorus 571, 891
 DRYOPIIDAE 49, 294, 872
 DRYOPIDES 294
Dryops 294
 DRYOTRIBI 596
 DRYOTRIBINI 88, 596
Dryotribus 596
Drypta 127
 DRYPTINAE 122, 127
 DRYPTINI 23, 127
Dulitcola 322
 DULITICOLINAE 322
 DYNAMOPINAE 245, 246
 DYNAMOPODINAE 41, 245
 DYNAMOPODINI 41, 246
Dynamopus 245, 246
Dynamostes 453
 DYNAMOSTIDES 453
 DYNAMOSTINI 71, 453
Dynastes 260
 DYNASTIDAE 260
 DYNASTINAE 43, 260, 880, 884
 DYNASTINI 43, 260
Dysantes 425
 DYSANTINA 425
 DYSANTINAE 425
 DYSCHARACHTHINI 50, 303
Dyscharachthius 303
 DYSCHERINA 21, 110
Dyscherus 110
 DYSCHIRIINI 21, 109
Dyschirius 109
Dyscinetus 260
 DYSIDES 335
 DYSIDIDAE 335
 DYSIDINAE 55, 335
 DYSLOBINI 618
Dyslobus 618
 DYSMORPHOCERINAE 54, 331
Dysmorphocerus 331
Dystaxia 276
 DYSTAXIINI 45, 276
 DYSTAXINI 276
Dystheamon 371
 DYSTHEAMONINI 60, 371
 DYTICIDES 149, 150, 151
 DYTICIDAE 4, 15, 26, 149, 150, 151, 887, 891
 DYTISCINAE 26, 150
 DYTISCINI 26, 151
Dytiscus 149, 150, 151, 891
 EAROPHILIDAE 363
Earophilus 363
 EBAEINI 353
Ebaeus 352, 353
Eboo 535, 536
 EBOOINA 536
Eburia 471
 EBURIINI 73, 471
 EBURITTES 471
 EBURITAE 471
Eburniogaster 196
 EBURNIOGASTRINA 34, 196
 ECCOPTARTHRIINAE 80, 542
 ECCOPTARTHRIINI 542
Eccoptarthrus 542
 ECCOPTINAE 595
Eccoptogaster 636
 ECCOPTOGASTERINAE 636
 ECCOPTOGASTERINI 636
 ECCOPTOGASTRIDAE 636
 ECCOPTOMENINI 124
Eccptomemus 124
 ECCOPTOPTERINA 637
Eccoptopteris 637
 ECCOPTOTHORACINA 543
 ECCOPTOTHORACINI 543
Eccoptothorax 543
Eccoptus 595
 ECÉLONÉRIDES 546
 ECELONERINI 81, 546
Ecelonerus 546
Echiaster 219
 ECHIASTERES 219
 ECHIASTERINA 37, 219
 ECHINASPINI 624
Echinaspis 624
Echoma 516
Echthrogaster 305
 ECHTHROGASTERINI 50, 305
Ecitochara 198
 ECITOCHARINI 34, 198
 ECITOCCLIMAGINI 213
Ecitoclimax 213
Ecitogaster 198
 ECITOGASTRINI 34, 198
Ecitopora 202
 ECITOPORAE 202
Ectatosia 489
 ECTATOSIDES 489
 ECTATOSINI 489
 ECTEMNORHINAE 606
 ECTEMNORHINIDES 606
 ECTEMNORHININI 90, 606
Ectemnorhinus 606
Ectenesia 471
 ECTENESSINI 73, 471
Ectrephes 338
 ECTREPHIDAE 338
 ECTROMOPSINI 417
Ectromopsis 417

- Ectyche* 430
 ECTYCHINI 68, 430
Ecyroschema 490
 ÉCYROSCHÉMIDES 490
 ECYROSCHÉMINI 490
Edrotes 406
 ÉDROTIDES 406
 EDROTINI 65, 406
Edusa 536
Edusella 536, 537
 EDUSELLINI 537
 EDUSINI 920
 EDUSITAE 536
 EDUSITES 536
Ega 133
Egidyella 335
 EGIDYELLINI 55, 335
 EGINI 133
Egolia 344
 EGOLIIDES 344
 EGOLIIDS 344
 EGOLIINI 57, 344
 EGRINI 88, 591
Egrius 591
 EICOLYCTINI 356
Eicolyctus 356
Eidophelus 633
 EIDOPHERINAE 633
 EIDOREINAE 372
Eidoreus 372
Ekkoptogaster 636
 ELACATIDAE 445, 884
 ELACATINAE 445, 884
Elacatis 445
Elachistarthron 197
 ELACHISTARTHRONINI 197
 ELAPHIDIINI 73, 471
Elaphidion 471
 ELAPHIDIONINI 471
 ELAPHIDIONITAE 471
 ELAPHINI 263
Elaphinis 263
Elaphocera 255
 ELAPHOCERINI 255
 ELAPHOCERITAE 255
 ELAPHRIDAE 102
 ELAPHRII 107
 ELAPHRINAE 21, 107
Elaphrus 107
Elatr 298, 306, 316, 317
 ELATERIDAE 2, 11, 17, 51, 211, 304, 306, 307, 319, 449, 593, 625, 640, 852, 853, 854, 855, 872, 881, 882, 884, 891
 ELATERIDES 298, 306, 316, 317
 ELATERINAE 52, 316, 852, 854
 ELATERINI 52, 317
 ELATEROIDEA 49, 298, 307, 855, 856, 866, 867, 872, 883
Electrapate 276
 ELECTRAPATIDAE 276
 ELECTRAPATINI 45, 276
 ELECTRIBIDAE 298
 ELECTRIBIINAE 49, 298
Electribius 298
Electropogon 298
 ELECTROPOGONINI 298
Eledona 415
 ELEDONAEDES 415
Eledone 415
 ELEDONIDAE 415
 ELEDONINAE 415, 863
Eleia 519
 ELEIAEIDAE 519
 ELENOPHORIDAE 406
 ELENOPHORINI 65, 406
 ELÉNOPHORITES 406
Elenophorus 406
Eleodes 414
 ELEODIINI 414
 ELEODOPSINAE 414
Eleodopsis 414
Eletica 437
 ELETICIDES 437
 ELETICINA 69, 437
 ELETICINAE 68, 437
 ELETICINI 68, 437
 ELEUSININA 210
 ELEUSININI 36, 210
Eleusis 210
Eligmoderma 471
 ÉLIGMODERMIDES 471
 ELIGMODERMINI 73, 471, 472
Elithia 523
 ELITHIIDAE 524
 ÉLITHIIDES 524
 ELITHIITES 524
 ÉLITHIITES 523
 ELLESCHINA 580, 581
Elleschus 580, 581
 ELLESCHINA 86, 581
 ELLESCINI 86, 580
Ellescus 580, 581
 ELMIDAE 48, 155, 292, 293, 883, 887, 891
 ELMINA 49, 293
 ELMINAE 48, 292
 ELMINI 48, 293
Elmis 292, 293, 891
Elodes 273
 ELODIIDAE 273
 ELODOPHTHALMIDAE 45, 274
Elodophthalmus 274
 ELOPHORIA 154
Elophorus 154
Elosoma 353
 ELOSOMATIDAE 353
 ELPIDIDES 271
Elpidus 271
 ELYTHOMERINAE 49, 295
 ELYTHOMERINI 295
Elythomerus 295
Elytracantha 493
 ELYTRACANTHINA 493
 ELYTRACANTHINAE 493
 ELYTRACANTHININI 76, 493
Elytrogona 516
 ELYTROGONITES 516
 ELYTROSPHAERITES 520
Elytrophoera 520
 ELYTROSPHOERITES 520
Elytroxys 610
 ELYTROXYSI 610
 ELYTRURINI 90, 607
Elytrurus 607
Embaphion 413
 EMBAPHIONIDES 413
 EMBAPHIONINI 413
Embrithes 607
 EMBRITHINI 90, 607
 EMELININI 70, 449
Emelinus 449
Emma 275
 EMMALLINA 420
Emmallus 420
Emmalus 420
 EMMINAE 275
 EMMITA 275
 EMMITINAE 275
 EMMITINI 45, 275
 EMPELIDAE 177
 EMPELINAE 31, 177
Empelus 177
Emphiastes 624
 EMPHIASTIDES 624
Emphyastes 624
 EMPHYASTINA 624
 EMPHYASTINI 92, 624
 EMPHYLI 360
Emphyllus 360
Emphytoecia 500
 EMPHYTOECIDES 500
 EMPHYTOECHINI 501
 EMPOCRYPTINI 58, 357
Empocryptus 357
Enaria 251
 ENARIINA 42, 251
 ENARINA 251
Encaustes 358
 ENCAUSTINI 59, 358, 873
 ENCAUSTITES 358
 ENCELADINI 22, 112
Enceladus 112
 ENCHAPTERA 475
 ENCHAPTERITAE 475
 ENCHOPTERA 475
Encnates 135

- ENCRATIDAE 135
 ENCYCLOPINI 72, 462
Encyclops 462
 ENDAEINI 585
Endaeus 585
 ENDECATOMIDAE 55, 335
 ENDECATOMINI 335
Endecatompus 335
 ENDOCEPHALITAE 537
 ENDOCÉPHALITES 536
Endocephalus 536
 ENDOGNATHINI 236
Endognathus 236
Endomia 448
 ENDOMIINI 70, 448
 ENDOMYCHIDAE 61, 371, 431
 ENDOMYCHIDES 371, 373
 ENDOMYCHINAE 61, 373
Endomychus 371, 373
 ENDOPHLOEINI 395
Endophloeus 395
 ENGIDAE 358
 ENGIDITES 357
Engis 357, 358
Enhydra 100
 ENHYDRINA 19, 100
 ENHYDRINI 19, 100, 873, 883, 895
Enhydrus 100, 891, 895
 ENICOCERINA 29, 164
Enicocerus 164
Enicodes 493
 ENICODINI 76, 493
 ENICODITAE 493
Enicopus 351
 ENNEAPAUSSINI 120
Enneapausus 120
 ENNEARABDINI 243
Ennearabidus 243
Enochrus 155
 ENODOGNATHINI 39, 236
Enodognathus 236
 ENOICINI 24, 127
Enoicus 127
 ENOPLIDAE 348
Enoplum 348
 ENOPLOCERITAE 456
Enoplocerus 456
Enoplocleres 463
 ENOPLODERINI 463
 ENOPLOPINI 417
 ENOPLOPITES 417
Enoplopus 417
Enoplotrupes 228
 ENOPLOTRUPINI 38, 228
Enoptes 444
 ENOPTISIDAE 444
Enotes 494
 ÉNOTIDES 494
 ENTINAE 625
- ENTIMIDES 603, 607
 ENTIMINAE 89, 603, 607, 608, 611, 616, 847, 850
 ENTIMINI 90, 607
Entimus 603, 607
Entomoculia 217
 ENTOMOCULINI 37, 217
 ENTOMOCULINI 217
 ENTOMOSATOPINI 50, 303
Entomosatopus 303
 ENTOMOSCELIDES 521
 ENTOMOSCELINA 521
Entomoscelis 521
 ENTOMOSCÉLITES 521
Entypodera 399
 EOBLIDAE 542, 543
 EOBLINA 80, 543
 EOBLINAE 80, 542
 EOBLINI 80, 543
EObelus 542, 543
 EOCAPOPINA 30, 170
Eocaptus 170
Eoclytra 532
 EOCLYTRINI 532
 EODROMEINAE 20, 101
Eodromeus 101
 EOHOMOPTERINEN 119
 EOHOMOPTERINI 119
Eohomopterus 119
 EOPAUSSINA 23, 120
 EOPAUSSINAE 120
Eopausus 120
 EORHIPIDIINI 63, 391
Eorhipidius 391
 EOSALACINA 560
Eosalacus 560
Eospasta 437
 EOSPASTINA 69, 437
 EFACTIINI 107
Epactius 107
 EPHEROCERINAE 566
 EPHISTEMINI 361
Epistemus 361
 EPICAERI 609
Epicaerus 609
Epicauta 492
 ÉPICASTIDES 492
 EPICASTINI 492
Epicauta 438
 EPICAUTINI 69, 438, 874
Epichthonius 600, 602
Epidyella 335
 EPIDYELLINI 335
Epilachna 378
 EPILACHNIENS 378
 EPILACHNINAE 378
 EPILACHNINI 61, 378
 EPILACNINI 922
 EPILACHADINAE 297
- Epilichas* 297
 ÉPILISSIDES 243
 ÉPILISSINI 243
Epilissus 243
 EPIMETOPINA 154
 EPIMETOPINAE 27, 154
Epimetopus 154
 ÉPIPÉDIDES 629
 ÉPIPÉDIDES 629
 EPIPEDINAE 629
Epipedocera 483
 EPIPEDOCERINI 483
Epipedophyes 629
 EPIPEDOPHYINAE 629
Epipedus 629
 EPIPHANINI 50, 301, 302
Epiphanis 301, 302
 EPIPHLOEINAE 348
 EPIPHLOEINI 348
Epiphloeus 348
 EPIPHLOINEN 348
Epiphysa 402
 ÉPIPHYSIDES 402
 EPIPHYSINAE 402
 EPIPHYSINI 402
 EPIPOCIDAE 373
 EPIPOCINAE 61, 373
Epipocus 373
 ÉPIRHYNCHINI 620
Epirhynchus 620
 ÉPIRINI 243
 EPIRINIDES 243
Epirinus 243
Epirrhynchus 620
 ÉPISIDES 570
 ÉPISINI 570
 EPISOMIDES 607
 EPISOMINI 90, 607
Episomus 607
 ÉPISTICTINA 511
 EPISTICTININI 511
 EPISTOMENTINI 47, 285
Epistomentis 285
 EPISTROPHINA 92, 625
Epistrophus 625
Episus 570
 EPITRAGHI 406
 EPITRAGINI 65, 406, 876
 ÉPITRAGITES 406
Epitragus 406
Epiverta 379
 EPIVERTINI 61, 379
 EPURAEA 366
 EPURAEINAE 60, 366
 EPURAEINI 60, 366
 EREMAZINA 239
 EREMAZINAE 40, 239
 EREMAZINI 239
Eremazus 239

- ÉREMNIDES 616
 ÉREMNI 616
Eremnus 616
 EREMOCILINI 61, 379
Eremochilus 379
Eremotes 598
 EREMOTINI 598
 EREMoxENIDAE 563
 EREMoxENINA 83, 563
Eremoxenus 563
Eretes 151
 ERETINI 26, 151
Ergates 456
 ERGATINI 71, 456
 ERGATITES 456
Erichsonia 454
 ERICHSONIINI 71, 454
 ERICHSONITAE 454
Erichsonius 223
 ERINEOPHILIDES 634
Erinophilus 634
 ERIOCNEMIAE 229
Eriocnemis 229
Erionispa 469
 ERIONISPIDAE 469
 ERIONISPITES 469
 ÉRIONISPITES 469
 ERIONOMINAE 231
Erionomus 231
 ERIOTOMI 130
Eriotomus 130
 ERIPHITAE 484
Eriphus 484
 ERIRHINIDES 575
 ERIRHININAE 85, 575, 844
 ERIRHINIINI 85, 575
Erirehinus 575
Erlandia 472
 ÉRLANDIINI 73, 472
 ERNOBINAE 56, 339
Ernobius 339
 ERNOPORINAE 632
Ernoporus 632
 ERODIDES 407
 ERODIINI 65, 406, 862, 876
 ERODISCIDES 581
 ERODISCINI 86, 581
Erodiscus 581
Erodicus 406, 407
Eros 323
Eroschema 472
 ÉROSCHEMIDES 472
 ÉROSCHEMINAE 472
 EROSCHEMINI 73, 472
 EROTES 323
 ÉROTILENAE 356, 357, 358
 ÉROTINI 53, 323
 ÉROTYLIDAE 58, 356, 385, 873, 891
 ÉROTYLINAE 58, 357
- EROTYLINI 59, 358
 ÉROTYLOIDEA 353
Erotylus 356, 357, 358
Ertlia 437
Ertliana 437
 ERTLINIANA 437
 ERTLIANINI 69, 437
 ERTLIIINI 437
 ÉRYTHRAENINAE 455
Erythraenus 455
 ERYTHRINAE 480
Erythrus 480
 ESARCINAE 62, 385
 ESARCINI 385
Esarcus 385
 ESCALERINA 275
 ESCALERINI 275
 ESCALERININI 45, 275
 ESCHATOPORINI 398
Eschatoporis 398
Esemephe 404
 ESEMEPHINA 65, 404
 ESEMEPHINI 404
 ESSISINI 492
Esisus 492
Estadia 168
 ÉSTADIINI 30, 168
 ESTENOGENIANOS 407
Estenorhinus 562
 ESTHESOPINAE 319
Estheopis 319
Estola 492
 ESTOLAE 492
 ESTOLIDES 492
 ESTOLINI 492
 ETHONIINA 48, 289
Ethomion 289
 EUAESTHETINA 216
 EUAESTHETINAE 37, 216
 EUAESTHETINI 37, 216
Euaesthetus 216
Euanoma 320
 EUANOMINI 52, 320
 EUBAPTINAE 508
 EUBAPTINI 77, 508
Eubaptus 508
 EUBOLBITINI 38, 227
Eubolbitus 227
 EUBRACHINI 535
Eubrachus 535
Eubria 296
 EUBRIADES 296
 EUBRIANACINAE 49, 296, 874
 EUBRIANACINI 296
Eubrianax 296
 EUBRIINAE 49, 296
 EUBRIINI 296
 EUCAERI 132
Eucaerus 132
- EUCALATHI 144
Eucalathus 144
Eucallia 104
 EUCALLIINI 104
 EUCALLOPISTINA 46, 281
Eucallopistus 281
Eucallosphaera 368
 EUCALOSPHAERINI 60, 368
 EUCANTHINI 38, 227
Eucanthus 227
 EUCATOPINI 30, 171
Eucatops 171
 EUGERATOCERINI 339
Eucenatocerus 339
Euchaeus 269
Eucheila 136
 EUCHEILINAE 136
 EUCHEIRIDAE 249
Eucheirus 249
Eucheyla 136
 EUCHIRINI 41, 249
Euchirus 249
Euchlora 257
 EUCHLORIDAE 257
Euchroa 142
Euchroea 269
 EUCHROENS 269
 EUCHROIDAE 269, 884
 EUCHROEINA 44, 269, 884
Euchroeus 269
 EUCHROIDES 142
 EUCHROINA 25, 142
 EUCHROIINI 142
Euchroma 282
 EUCHROMATINA 46, 282
 EUCIBDELINA 38, 222
 EUCIBDELINI 222
Eucibdelus 222
 EUCINETIDAE 45, 273
 EUCINÉTIDES 273
 EUCINETINI 273
Eucinetus 273
 EUCNEMIDAE 50, 299, 449, 640,
 865, 866, 873, 895
 EUCNEMIDES 299, 303
 EUCNEMINAE 50, 303
 EUCNEMINI 50, 303
Eucnemis 299, 303
 EUCONNINI 215
Euconnus 215
Euconosoma 191
 EUCONOSOMINI 191
Eucrada 337
 EUCRADINAE 56, 337
 EUCRADINI 56, 337
 EUCRANIADAE 243
 EUCRANIINI 41, 243
Eucranium 243
 EUDACTYLINI 310

- EUDACTYLITES 310
Eudactylus 310
Euderes 625
Euderia 337
EUDERIDES 625
EUDERIINAE 56, 337
EUDERITAE 337
EUDERINAE 625
EUDERINI 92, 625, 881
Euderus 625
EUDIAGOGINI 90, 607
Eudiagogus 607
EUDICRONYCHINAE 52, 319
Eudicronychus 319
Eudysantes 425
EUDYSANTINA 67, 425
Eugenysa 514
EUGENYSINI 78, 514
Eugenes 449, 450, 889
EUGLENESIDAE 448, 449, 450, 869, 887
EUGLENESINA 70, 450
EUGLENESINI 70, 449
EUGLENIDAE 450
EUGLENINI 449, 450
EUGLOCHIDA 394
EUGLOCHIDAE 393
Euglochis 393
EUGNAMPTINA 83, 560
Eugnampius 560
EUGNATHATES 176
Eugnathus 176
EUGNOMI 581
EUGNOMIDES 581
EUGNOMINA 86, 581
EUGNOMINI 86, 581
Eugnomus 581
EUGONIDES 545
EUGONINI 545
Eugonus 545
EULABES 416
EULABINI 66, 416
Eulabis 416
Eulampira 104
EULICHADIDAE 49, 297, 298
Eulichas 297, 298
Eumelepta 530
EUMELEPTITES 530
EUMICHTHINI 73, 472
Eumichthys 472
EUMICRINI 216
Eumicrus 216
EUMOLPIDAE 534, 536
EUMOLPINAE 79, 534, 536, 539
EUMOLPINI 79, 536
Eumolpus 534, 536, 894
EUMORPHIDAE 373
Eumorphus 373
Eunectes 151
EUNECTINI 151
EUNEMADINA 30, 170
Eunemadus 170
EUOMIDAE 601
EUOMIDES 601
EUOMINI 601
Euomus 601
EUOPINI 82, 555, 556
Euops 555
EUOPSINI 555
Eupages 603
EUPAGIDAE 603
EUPAGIDES 603
EUPAGINI 603
Eupales 539, 894
EUPALINI 539, 894
Euparia 240, 545
EUPARIINA 240, 878, 885
EUPARIINI 40, 240, 545, 875, 878, 885
Euparius 240, 545
Euphalepus 185
EUPHANIAE 212
Euphanias 212
EUPHANIINI 36, 212
EUPHOLINI 90, 608
Eupholus 608
Euphoria 263
EUPHORIAE 263
EUPHORIINA 43, 263
Euplectalecia 282
EUPLECTALECIINA 46, 282
EUPLECTIDAE 181, 182
EUPLECTINI 32, 182
EUPLECTITAE 31, 181
EUPLECTROSCELES 525
Euplectroscelus 525
Euplectus 181, 182
EUPLINTHINA 51, 308
EUPLINTHINI 51, 308
Euplinthus 308
Eupoecila 268
EUPOECILIDAE 268
EUPOGONII 492
Eupogonius 492
Eupompha 439
EUPOMPHAE 439
EUPOMPHINA 439
EUPOMPHINI 69, 439
Eupromera 494
EUPROMERINI 76, 494
EUPROSOPINI 104
Euprosopus 104
EUPSALINI 563
Eupsalis 563
EUPSENIINA 32, 186
EUPSENIINI 186
Eupsenius 186
EUPSILOBIINAE 61, 372
EUPSILOBIINI 372
Eupsilobius 372
EUPSOPHULITES 412
Eupsophulus 412
EURHINIDES 588
EURHININA 82, 567, 588
EURHININAE 588
EURHININI 567, 588
Eurhinus 567, 588, 890
EURHYNCHIDAE 567
EURHYNCHIDES 566, 567
EURHYNCHINAE 84, 566, 567, 887
EURHYNCHINI 84, 567
Eurhynchus 566, 567, 889
Eurispia 514
EURISPINI 78, 514
EURISPITES 514
EUROPINI 59, 359
Europs 359
EURRHACINA 324
EURRHACINI 53, 324
Eurrhacus 324
Eurychona 401
EURYCHORIDAE 401
EURYCHORITES 401
EURYDERI 130
Euryderis 130
EURYGENII 446, 447
EURYGENINAE 70, 446
EURYGENINI 70, 447
Eurygenius 446, 447
EURYLOBI 610
Eurylobus 610
Eurymetopon 406
EURYMETOPONINI 406
Eurymycter 8, 549
EURMYCTERINI 8, 549
EURNOTAIRES 422
EURNOTINA 67, 422
Eurnotus 422
Euryoda 104
EURYODINI 104
Euryope 537
EURYOPINI 79, 536, 537
EURYOPTAE 537
EURYOPTES 537
EURYPALPINI 296
Eurypalpus 296
Eurypodus 516
EURYPTINAE 69, 443, 457
EURYPTAE 443
Eurypoda 443, 456, 457
EURYPODINI 71, 443, 456, 457, 870
Eurypogon 299
EURYPOGONIDAE 299
EURYPTYCHINI 50, 305
Euryptychus 305
Eurypus 443
EURYSPHINDINAE 355

- Euryphindus* 355
 EURYSTERNINA 41, 244
 EURYSTERNINI 244
Eurysternus 244
Eurysthes 446
 EURYSTETHIDAE 446
 EURYTRICHINI 128
Eurytrichus 128
Euryusa 199
 EURYUSIDES 199
 EURYUSINI 199
 EUSATTI 404
Eusattus 404
 EUSCELINA 82, 554
 EUSCELINI 554
 EUSCELOPHILINA 82, 554
Euscelophilus 554
Euscelus 554
 EUSPHALERINI 31, 176, 875
Eusphalerum 176
Eusteniamorpha 198
 EUSTENIAMORPHINI 34, 198
 EUSTILBINI 364
Eustilbus 364
Eustra 118
 EUSTRINI 118
 EUSTROPHIDAE 387
 EUSTROPHINAE 63, 387
 EUSTROPHINI 63, 387
Eustrophus 387
 EUSTYLIDES 608
 EUSTYLINI 924
 EUSTYLINORUM 608
Eustylus 608
Eusyneta 123
 EUSYNETADAE 123
 EUTÉLIDES 432
 EUTELINAE 432
 EUTELINI 432, 433
Eutelus 432
Eutheia 215
 EUTHEIINI 37, 215
Euthiconus 215
 EUTOMIDES 415
Eutomus 415
 EUTOXIDES 589
 EUTOXINA 87, 589
Eutoxus 589
 EUTRACHELIDES 562
 EUTRACHÉLIDES 562
 EUTRACHELINA 562
 EUTRACHELINAE 562
Eutrachelus 562
Euvira 206
 EUVIRAE 206
 EUXESTINAE 60, 369
Euxestus 369
Evaniocera 390
 ÉVANIOCÉRIDES 390
- EVANIOCERINI 391
 ÉVANIOSOMIDES 407
 EVANIOSOMINAE 407
 EVANIOSOMINI 65, 407
Evaniosomus 407
 EVASPIDOTIDAE 512
Evaspistes 512
EVIDES 282
 EVIDINI 46, 282
 EVOTINI 614
Eivotus 614
 EXAGISTINI 47, 285
Exagistus 285
 EXAPIINA 84, 568
 EXAPIINI 568
Exapion 568
Exechesops 549
 EXOCENTRINAE 499
 EXOCENTRITES 499
Exocentrus 499
 EXOCHOMAIRES 375
Exochomus 375
Exomella 291
 EXOMELLINI 48, 291
 EXOPHTHALMINI 608
Exophthalmodes 608
 EXOPHTHALMODINA 608
Exophthalmus 608
Exoplectra 376
 EXOPLECTRIDES 376
Exora 531
 EXORINI 531
Exosoma 530
 EXOSOMITES 530
 EXOSTERNINI 28, 160
Exosternus 160
Exothispa 514
 EXOTHISPINI 78, 514
Fabia 342
 FABIINAE 342
Falagria 198
 FALAGRIATES 198
 FALAGRIINA 198
 FALAGRIINI 34, 198
 FALSAMBLESTHINI 494
Falsamblesthis 494
 FALSOCCOSYPHINI 66, 416
Falsocossyphus 416
 FALSOMYCTERINAE 407
 FALSOMYCTERINI 65, 407
Falsomycterus 407
 FARONIDES 185
 FARONITAE 32, 185
Faronus 185
Felda 199
 FELDINA 199
 FELDINI 34, 199
Fenderia 216
 FENDERIINI 37, 216
- Feronia* 143
 FERONIAE 143
 FERONIDAE 143
 FÉRONIENS 143
Fidia 535, 536
 FIGULIDAE 233
Figulus 233
 FISOGNATITIS 217
Flagrax 324
 FLAGRAXINA 324
 FLAMININAE 231
Flaminus 231
Floricola 539
Foadia 382
 FOADIINI 62, 382
Fontana 272
Forcipator 108, 109
 FORCIPATORINA 21, 108, 109
 FORMICOMINI 70, 448
Formicomus 448
Fornax 305
 FORNAXINI 305
Forsteria 494
 FORSTERINI 76, 494
Fruhstorferia 260
 FRUHSTORFERIINA 260
 FULCIDACINA 534
 FULCIDACINI 79, 534
Fulcidax 534
Fustiger 180
 FUSTIGERINI 180
Gahania 472
 GAHANIINI 73, 472
Galba 303
Galbella 279
 GALBELLINAE 46, 279
 GALBITES 304
 GALBITES 303, 304
 GALBITINI 50, 303, 304
Galerita 127, 889
 GALERITIDAE 127
 GALERITINA 127
 GALERITINA 24, 127
 GALERITINI 24, 127
 GALERTININI 127
Galeritula 127
 GALERTULINI 127
Galeruca 522, 527, 890
 GALERUCAE 522, 527
 GALERUCIDAE 505
 GALERUCINAE 79, 522
 GALERUCINI 79, 527
Gallerucida 528
Gallerucidia 135
 GALLERUCIDAE 135
 GALLERUCIDIINA 24, 135
 GALLERUCIDINI 528
Galloisia 625
 GALLOISIINAE 625

- GALLOISINI 92, 625
Ganglbaueria 435
 GANGLBAUERIIDAE 435
 GASTEROCERCINI 89, 600
Gasterocercus 600
 GASTRALLINI 339
Gastrallus 339
 GASTRAULACI 303
Gastraulacus 303
Gastrophysa 522
 GASTROPHYSINA 522
Gehringia 113
 GEHRINGIINA 22, 113
 GEHRINGIINAE 22, 113
 GEHRINGINI 22, 113
Gempylodes 393
 GEMPYLODINI 64, 393
 GENECERINI 45, 275
Genecerus 275
Geniates 258
 GENIATIDAE 258
 GENIATINI 43, 258
 GENUCHINA 43, 264
Genuchus 264
 GENYOCERINAE 638
Genyocerus 638
 GEOBAENIDES 127
 GEOBAENINI 24, 127
Geobaenus 127
 GEOMORIDES 620
Geomorus 620
 GEONEMIDAE 608
 GEONEMINI 90, 608
Geonemus 608, 890
 GEOPAEDERIDAE 220
Geopaederus 220
 GEOPINI 128
Geopinus 128
 GEORISSIDA 154
 GEORISSIDAE 154
 GEORISSINAE 27, 154
 GEORISSITES 154
Georissus 154, 891
Geostiba 194, 893
 GEOSTIBAE 194
Geotruper 226, 227, 228, 891
 GEOTRUPIDAE 38, 226, 887, 891
 GEOTRUPINAE 38, 227
 GEOTRUPINI 38, 226, 227, 228
 GEOTRUPOIDEA 225
 GERALIINA 48, 289
Genalis 289
Genania 496
 GERANITAE 496
Germanica 288
 GERMARICINA 48, 288
 GERMARICINI 288
 GHANINI 381
Ghanius 381
Ghidinia 173
 GHIDINIINA 173
 GIBBIINAE 338
 GIBBIINI 56, 338
 GIBBIITES 338
Gibbium 338
Gietella 351
 GIETELLINAE 351
 GIETELLINI 58, 351
 GILLETININI 38, 227
Gilletinus 227
Ginema 128
 GINEMINI 24, 128
Glacavicola 168
 GLACICAVICOLINAE 168
 GLACICAVICOLINI 29, 168
 GLANDULARIA 215
 GLANDULARIIDAE 215
 GLAPHYRIDAE 40, 238
 GLAPHYRINAE 40, 238
 GLAPHYROMETOPI 611
Glaphyrometopus 611
 GLAPHYROPTERA 287
 GLAPHYROPTERIDAE 287
Glaphyrus 238
 GLARESIDAE 39, 231
 GLARESINI 231
Glareis 231
Glaucytes 472
 GLAUCYTTIDES 472
 GLAUCYTTINAE 472
 GLAUCYTTINI 73, 472
Glenea 501
 GLENETAE 501
 GLISCHROCHILINI 368
Glischrochilus 368
Globa 185
 GLOBINA 185
 GLOBULINA 156
 GLOBULOSEINA 27, 156
Globulosis 156
Gloesosoma 383
 GLOEOSOMATINI 383
Glycyphana 263
 GLYCYPHANAE 263
Glypholoma 174
 GLYPHOLOMATINAE 30, 174
 GLYPHOLOMINI 174
 GLYPTI 128
 GLYPTINI 24, 128
Glyptoma 211
 GLYPTOMINA 36, 211
Glyptoscelimorpha 276
 GLYPTOSCELMORPHINI 276
Glyptus 128, 889
 GNAPHALOCNEMINAE 229
Gnaphalocnemis 229
Gnaptor 414
 GNAPTORINA 414
 GNAPTORINA 66, 414
 GNAPTORININA 66, 414
 GNATHAPHANI 128
Gnathaphanus 128
 GNATHIDIINA 68, 430
 GNATHIDIINAE 430
 GNATHIDIINI 68, 430, 433, 864
Gnathidium 430
Gnathocera 266
 GNATHOCERIDAE 266, 429
 GNATHOCERINI 429
 GNATHOCÉRITES 428
Gnathocerus 428, 429
Gnathosia 411
 GNATHOSIIDES 411
 GNATHOSIINA 411
 GNATHOSIINI 411
 GNATHOTRICHINA 632
Gnathotrichus 632
 GNATHYMENINA 219, 875
 GNATHYMENINI 219
Gnathymenus 219
 GNATIMENTOS 219
Gnatocerus 428, 429, 893
Gnoma 494
 GNOMINI 76, 494
 GNOMITAE 494
 GNOSTIDAE 338
Gnostus 338
Gobicar 570
 GOBICARINI 570
 GOES 496
 GOES 496
 GOLIATHIDES 265, 267
 GOLIATHINA 44, 267
 GOLIATHINI 44, 265
 GOLIATHOPSIDINA 43, 264
Goliathopsis 264
Goliathus 265, 267
Gompelia 449
 GOMPELINA 2, 17, 70, 449
Gonatas 229
 GONATINAE 229
 GONIACERIDES 185, 187
 GONIACERINI 32, 186
 GONIACERITAE 32, 185, 875
Goniacerus 185, 187
Goniadena 398
 GONIADÉRIDES 398
 GONIADERINA 398
 GONIADERINAE 398
 GONIADERINI 64, 398
Goniastes 186
 GONIASTINI 186, 187
 GONIASTITAE 185, 875
Goniochenia 514
 GONIOCHENICI 514
 GONIOCHENINI 78, 514
 GONIOCHENITAE 514

- Goniocetena* 519, 521
 GONIOCTENAE 519
Gonioctènes 519
 GONIOCTENINA 519
Goniopleura 535
 GONIOPLEURIDAE 535
 GONIOPLEURITES 535
 GONIPTÉRIDES 581
 GONIPTERINAE 581
 GONIPTERINI 86, 581, 582
Gonipterus 581
 GONOCÉPHALATES 420
 GONOCEPHALIDAE 420
 GONOCÉPHALITES 419
Gonocephalum 419, 420
Gonodera 427
 GONODERINA 67, 427
Gonophora 514
 GONOPHORINI 78, 514
 GONOPHORITES 514
 GONOPIDES 423
 GONOPINI 423
Gonopus 423
Gracilia 472
 GRACILIAIRES 472
 GRACILINAE 472
 GRACILINI 73, 472
Grammocochus 501
GRAMMOPTERA 462
 GRAMMOPTÉRATES 462
Graniger 112, 130
 GRANIGERI 130
 GRANIGERINI 112, 130, 879
 GRAPHIPTERIDES 128
 GRAPHIPTERINAE 122, 128, 869
 GRAPHIPTERINI 24, 128
Graphipterus 128
 GRAPHISURINI 486
Graphisurus 486
 GRAPHODERINI 150
Graphoderus 150, 891
Graptus 604
Gromphas 245
 GROMPHINA 245
 GRONOPINA 602
 GRONOPINI 602
Gronops 602
Gryllca 490
 GRYLICIDES 490
 GRYLICINAE 490
 GRYLICINI 490
Guineauletes 558
 GUINEAULETINA 83, 558
 GUIOPÉRIDES 625
 GUIOPERINI 92, 625
Guioperus 625
Gurvanocoleus 167
 GUVANOCOLEINA 167
 GYARITINI 76, 494
- Gyaritus* 494
 GYMNETIDAE 267
 GYMNETINA 44, 267
 GYMNETINI 44, 267
Gymnetis 267, 892
 GYMNETRINA 582
 GYMNETRINAE 582
Gymnetron 582
Gymnetrus 582
Gymnochila 344
 GYMNOCHEILIDES 344
 GYMNOCHEILINAE 344
 GYMNOCHEILINI 57, 344
 GYMNOCHEILITAE 344
 GYMNNOGNATHINI 81, 546
Gymnognathus 546
Gymnoloma 249
 GYMNOLOMIDAE 249
 GYMNOPLEURI 244
 GYMNOPLEURIDES 243
 GYMNOPLEURINI 41, 243, 244
Gymnopleurus 243
Gymnusa 199
 GYMNUSIDA 199
 GYMNUSINI 34, 199
 GYNAECOMELODIDES 439
Gynaecomeloe 439
 GYRINIDAE 19, 99, 873, 883, 891, 895
 GYRININA 20, 100
 GYRININAE 19, 100
 GYRININI 20, 100
 GYRINITES 99, 100
Gyrosynus 99, 100, 891
 GYROHYPNIDAE 224
 GYROHYPNINI 224, 225, 876, 888
Gyrosynus 224, 893
Gyrophaena 200
 GYROPHAENINA 34, 200
 GYROPHAENINI 200
 HABROCERI 192
 HABROCÉRIENS 192
 HABROCERINAE 33, 192
Habrocerus 192
Habrophora 537
 HABROPHORINI 79, 537
Hadesia 171
 HADESIINI 171
 HADROBREGMINI 339
Hadrobregmus 339
 HADROGNATHINI 31, 176
Hadrognathus 176
 HADROMERIDES 616
Hadromeropsis 616
Hadromerus 616
Haematodes 224
Haemonia 509
 HAEMONIINI 78, 509
 HAETERIINAE 28, 161
- HAETERIINI 28, 161
Haeterius 161
 HALIPLIDAE 26, 146
 HALIPLIDES 146
 HALIPLINI 146
Haliplus 146
 HALLOMENIDAE 387
 HALLOMENINAE 63, 387
Hallomenus 387
 HALORABYXINA 185
Halorabypsis 185
Haltica 522
 HALTICITES 522
Halyzia 377
 HALYZIAIRES 377
 HALYZIINI 377
Hameedia 225
 HAMEEDINI 225
 HAMOTINI 190
Hamosus 190
Hapactorrhynchus 619
 HAPALIPINI 58, 357
Hapalips 357
 HAPLOCHELIDAE 98
Haplochelus 98
 HAPLOCNÉMATES 350
 HAPLOCNEMINAE 350
Haplocnemus 350
Haploglossa 205
Haplongycha 250, 580
 HAPLONGYCHIDAE 250, 881, 885
 HAPLONGYCHINAE 580
 HAPLONGYCHINI 250, 580, 881, 885
 HAPLONYCIDES 580
Haplonyx 250, 580
 HAPLOPIDAE 619
 HAPLOPIDES 619
 HAPLOPINI 619
Haplopodus 619
Haplopus 619
 HAPLOSTETHINI 46, 278
Haplostethus 278
 HAPLOTHORACINAE 325
Haplothorax 325
 HAPLOTETRACHINA 46, 281
Haplotrinchus 281
 HAPSODRILINA 51, 310
Hapsodrilus 310
Hapsomela 214
 HAPSOMELINAE 214
 HAPSOMELITAE 36, 214
 HARPAGLOSSINI 124
Harpaglossus 124
 HARPALII 121, 128, 129
 HARPALINA 24, 112, 129, 838
 HARPALINAE 23, 112, 121, 122, 128, 836, 838, 869, 879
 HARPALINI 24, 112, 128, 129, 838, 839

- Harpalus* 121, 128, 129, 839
Harpuspe 478
 HARUSPICINA 74, 478
Harvingia 411
 HARVINGINA 411
 HERBESCIINAE 491
Herbesicis 491
Hebestola 494
 HEBESTOLITAE 494
Hecyra 490
Hecyrida 490
 HÉCYRIDIDES 490
 HECYRIDINAE 490
 HECYRINI 490
Hedobia 338
 HÉDOBIAIRES 338
 HEDOBIIINI 56, 338
Hedyphanes 417
 HÉDYPHANES 417
 HEDYPHANINA 417
Hegemona 433
 HEGEMONINI 433
 HEILIPINAE 626
Heilipus 626
Helea 416
 HELEADAE 416
 HELEINA 66, 416
 HELEINI 66, 416
Helenaea 113
 HELENAEINA 22, 113
 HELICTOPLEURIDES 244
 HELICTOPLEURINA 41, 244
Helictopleurus 244
 HELIGMINI 308
Helignus 308
 HELIOLINI 76, 494
Heliosus 494
Heliomene 601
 HELIOMENIDAE 601
 HELIOMENINI 601, 871
Helipates 422
 HÉLIOPATHAIRES 422
Helioptathes 422
Helluo 132
Helluodes 140
 HELLUODINI 140
Helluomorpha 132
 HELLUOMORPHINA 132
 HELLUONIDAE 132
 HELLUONINA 24, 132
 HELLUONINI 24, 132
Helobata 156
Helochara 156
 HELOCHARAE 156
Helochares 156, 891
 HELOCHARINI 156
 HELOPETHINI 155
Helopeltis 155
 HELOPHERIDA 154
 HELOPHORINAE 27, 154
Helophorus 154, 891
 HELOPHI 417
 HELOPINA 67, 417
 HELOPINAE 413
 HELOPINI 66, 417
 HÉLOPINIDES 418
 HELOPININA 67, 418
 HELOPININAE 418
 HELOPININI 67, 418
Helopinus 418
Helops 417, 893
Helota 354
Helotes 354
 HELOTIDAE 58, 354, 883
 HÉLOTIDES 354
 HEMICONDERININA 53, 324
Hemiconderis 324
 HEMICREPIDIINA 51, 314
 HEMICREPIDIINI 314
Hemicrepidius 312, 314
 HEMIOPHINI 76, 494, 870
 HEMIOPHITAE 494
Hemilophus 494
 HEMIOPINAE 52, 319
Hemiops 319
 HEMIPEPLIDAE 444
 HÉMIPÉPLIDES 444
 HEMIPEPLINAE 69, 444
Hemipeplus 444
 HEMIPHARIDAE 268
Hemipharis 268
 HÉMIRHIPIDES 308, 309
 HEMIRHIPIDIINAE 63, 391
 HEMIRHIPIDIINI 391
Hemirhipidius 391
 HEMIRHIPINI 51, 308, 309, 852
 HEMIRHIPITAE 309
Hemirhipus 308
Hemisphaerota 515
 HEMISPHEROTINI 78, 515, 871
Hemydactne 537
 HEMYDACNINI 79, 537
 HENICOLABINA 82, 554
Henicolabus 554
 HÉNICOPIRES 351
 HENICOPINI 351
Henicopus 351
 HENOINI 438
Henous 438
 HÉPHÉBOCÉRIDES 566
 HEPHEBOCERINA 566
Hephebocerus 566
 HEPTAULACATES 239
Heptaulacus 239
Heptophylla 252
 HEPTOPHYLLINA 42, 252
 HEPTOPHYLLINI 252
Hermacophaga 525, 526
 HERMAEOPHAGINA 525, 526
Hespera 522
 HESPERIDAE 522
 HESTÉROPHANAIRES 472, 473
Hesperophanes 472, 473
 HESTÉROPHANINA 73, 473
 HESTÉROPHANINAE 473
 HESTÉROPHANINI 73, 472, 473
 HESTHESINAE 473
 HESTHESINI 73, 473
Hesthis 473
 HETAERIINI 161
Hetaerius 161
 HETAIROTERMES 207
 HETAIROTERMITINA 36, 207
Heteracantha 130
 HETERACANTHI 130
 HETERASPINAE 534
Heteraspis 534, 535
 HÉTÉRIENS 161
 HETEROCERIDAE 49, 295
 HETEROCERINAE 49, 295
 HETEROCERINI 49, 295
Heterocerus 295
Heterocheira 419
 HETEROCHEIRINA 67, 419
 HETEROCHEIRINI 419
 HETEROCHELIDAE 249
Heterochelus 249
 HETEROGENIINA 43, 264
Heterogenius 264
 HETEROGYRINA 20, 100
 HETEROGYRINI 100
Heterogyrus 100
Heteromorpha 141
 HETEROMORPHIDAE 141
 HETEROMORPHINI 41, 249
 HÉTÉRONYCIDES 249
Heteronyx 249
 HETEROPALPINI 71, 453
Heteropalpus 453
 HETEROPAUSSINA 23, 120
 HETEROPAUSSINES 120
Heteropausus 120
Heterophana 269
 HETEROPHANAE 269
 HETEROPHANINA 44, 269
 HÉTÉROPHILATES 415
Heterophylus 415
Heterops 473
 HÉTÉROPSIDES 473
 HETEROPSINAE 473
 HETEROPSIINI 73, 473
 HETERORRHINA 266
Heterorrhina 266
 HETERORRHINIDAE 266
Heteroscapa 209
 HETEROSCAPHINI 209
Heteroscelis 423

- HÉTÉROSCÉLITES 423
Heterosoma 269
 HETEROSOMATINA 44, 269
 HETEROSTERNINA 43, 259, 875
 HETEROSTERNINAE 259
Heterosternus 259
Heterota 199
 HETEROTAE 199
 HETEROTARSINA 67, 419
 HETEROTARSINI 419
 HÉTÉROTARSITES 419
Heterotarsus 419
 HETEROTAXINI 205
Heterotaxus 205
Heterothops 222
 HETEROTHOPSI 222
 HEXACOLIDAE 633
 HEXACOLINI 93, 633
Hexacolus 633
Hexagonia 132
 HEXAGONIAE 132
 HEXAGONIINI 24, 132, 870
 HEXALATES 240
Hexalus 240
 HEXAPLATARTHIRINA 121
Hexaplatarthrus 121
 HEXARTHRICTAE 498
Hexathrica 498
 HEXATHRICTAE 498
Hexatricha 498
Hexodon 260
 HEXODONTIDAE 261
 HEXODONTIDES 260
 HEXODONTINI 43, 260, 261
 HEXOPLINI 73, 473
Hexoplon 473
 HEXOPLONINI 473
 HILETINAE 21, 108
 HILETINI 108
Hiletus 108
Himalusa 199
 HIMALUSINI 34, 199
 HIMASTHLOPHALLINI 85, 576
Himasthlophallus 576
 HIMATININI 598
Himatium 598
 HIMATISMINA 412
Himatismus 412
Himatium 598
 HIMATOLABINA 82, 554
Himatolabus 554
Hippodamia 376
 HIPPODAMIARES 376
 HIPPOLAETINA 131
Hippolaetis 131
Hippolaetis 131
 HIPPOMELANINA 46, 281
Hippomelas 281
Hippopsicon 488
- HIPPOPSICONINI 488
Hippopsis 487
 HIPPOSITAE 487
 HIPPORHINIDES 602
 HIPPORHININAE 602
 HIPPORHININI 89, 602
Hipporhinus 602
Hispa 515
Hispanoclava 147
 HISPANOCLAVINAE 26, 147
Hispellinus 515
 HISPINAE 510
 HISPINI 78, 515
Hispodes 552
 HISPODINI 552
Hispodonta 512
 HISPODONTITES 512
 HISOPOIDEAE 515
 HISPOLEPTINI 78, 515
 HISPOLEPTITES 515
Hispopleptis 515
Hispotoma 522
 HISPOTOMINI 522
Hister 158, 160
 HISTERIDAE 28, 158
 HISTERINAE 28, 160
 HISTERINI 28, 160
 HISTEROIDES 158, 160
 HOBARTIIDAE 59, 359
 HOBARTIINI 359
Hobartius 359
 HODOXENINA 33, 193
Hodoxenus 193
 HOLCORHINIDAE 609
 HOLCORHININI 90, 609
Holcorhinus 609
 HOLCOROBEINI 41, 247
Holcorobus 247
 HOLISI 223
 HOLISINA 223
Holisus 222, 223
Hololepta 161
 HOLOLEPTIDAE 161
 HOLOLEPTINI 28, 161
 HOLOPARAMECINI 371
Holoparamesus 371
Holopleura 473
 HOLOPLEURINI 73, 473
Holopsis 383
 HOLOPTÉRIDES 473
 HOLOPTERINI 73, 473
Holopterus 473
 HOLOSTROPHINI 63, 387
Holostrophus 387
 HOLOZODINI 188
Holozodus 188
 HOMALISES 320
 HOMALISIDAE 321
 HOMALISIDES 321
- Homalilus* 320, 321
 HOMALOCERINA 81, 551
Homalocerus 551
Homalodera 115
 HOMALODERINI 115
 HOMALOPLINA 254
Homalota 199, 200
 HOMALOTIDA 199, 200
 HOMALOTINA 34, 200
 HOMALOTINI 34, 199
Homalotrichus 212
 HOMALOTRIQUITOS 212
 HOMEIINA 65, 405
Homebius 405
 HOMÉUSATES 204
 HOMODERINI 235
Homoderus 235
Homocodera 550
 HOMOEODERIDES 550
 HOMOEOPLASTIDAE 639
Homoeoplastus 639
Homocusa 204
Homonaea 495
 HOMONAETIAE 495
Homonoea 495
 HOMONOINI 76, 495
 HOMOPTERINA 23, 120
 HOMOPTERINAE 120
Homopterus 120
Homorhythmus 613
 HOMORYTHMINI 613
Homorythmus 613
Hoplándria 200
 HOPLANDRIAE 200
 HOPLANDRIINA 34, 200
 HOPLANDRIINI 34, 200
 HOPLAPODERINA 83, 557
 HOPLAPODERINI 82, 557
Hoplapoderus 557
Hoplia 249
Hoplíderes 457
 HOPLIDERINI 71, 457
 HOPLIDERITAE 457
 HOPLIDES 249
 HOPLINA 41, 249
 HOPLINI 41, 249
Hoplionota 516, 517
 HOPLIONOTINI 517
 HOPLIONOTITAE 517
 HOPLIONOTITES 516
 HOPLITOXENINA 31, 180
 HOPLITOXENINI 180
Hoplitaxenus 180
Hoplocephala 429
 HOPLICEPHALINI 429
 HOPLIPISTHI 564
 HOPLIPISTHINA 84, 564
Hoplipisthus 564
 HOPLORHININI 578

- Hoplorhinus* 577
 HOPLORRHINIA 577, 578
Hoplorrhinus 577
Hoplosia 487
 HOPLOSIAE 487
Horatoma 405
 HORATOMINA 65, 405
 HORELOPHINAE 27, 154
 HORELOPHOPSINAE 27, 154
Horelophopsis 154
Horelophus 154
Horia 441, 891
 HORIALES 441
 HORIIDAE 436, 441, 874, 887
 HORIINAE 441, 874
 HORIINI 69, 441
 HORMISCI 549
Hormiscus 549
 HORMOPINI 629
Hormops 629
 HORMORI 609
 HORMORINI 90, 609
Hormorus 609
Hornia 441
 HORNIBIINI 539
Hornibius 539
 HORNII 441
Hornius 539
Horologi 114
Horologion 114
 HOROLOGIONIDAE 114
 HOROLOGIONINI 22, 114
 HYALIDAE 246
 HYALITES 246
Hybalus 246
 HYBOCEPHALINI 33, 188
Hybocephalus 188
Hyboderia 474
 HYBODERINI 73, 474
 HYBOLABINA 82, 554
 HYBOLABINI 554, 555
Hybolabus 554
 HYBOMORPHIDES 584
 HYBOMORPHINA 584
Hybomorphus 584
 HYBORHABDINAE 495
 HYBORHABDINI 76, 495
Hyborhabdus 495
Hybosa 512
Hybosissa 515
 HYBOSISPINI 78, 515
 HYBOSITES 512
 HYBOSORIDAE 40, 236, 237
 HYBOSORINAE 40, 237
Hybosorus 236, 237
Hyleus 440
 HYDATICINI 26, 151
Hydaticus 151
 HYDATOPHILIDA 156
 HYDATOPHILIDAE 156
Hydatophilus 156
Hyderodes 151
 HYDERODINI 26, 151
 HYDNOBIINI 169
Hydnobius 169
Hydnocera 346, 347
 HYDNOCERIDAE 347
 HYDNOCERINAE 57, 346, 347
 HYDNOCERINI 57, 347
 HYDNOCÉROÏDES 346, 347
Hydraena 162, 163
 HYDRAENAEIDAE 163
 HYDRAENAIRES 162, 163
Hydraenida 163
 HYDRAENIDAE 28, 162, 891
 HYDRAENIDINI 29, 163
 HYDRAENINAE 29, 163
 HYDRAENINI 29, 163
Hydrobia 156
 HYDROBIA 156
 HYDROBIAIRES 156
 HYDROBIIDAE 156, 883
 HYDROBIINA 156, 883
Hydrobius 156, 891
 HYDROBIUSINA 27, 156, 883, 887
 HYDROCANTHINI 148
Hydrocanthus 148
 HYDROCHIDAE 154
 HYDROCHINAE 27, 154
Hydrochus 154
 HYDROCOPTINI 152
Hydrocoptus 152
Hydrodites 151
 HYDRODYTTINAE 26, 151
 HYDRONEBRINI 149
Hydronebrius 149
 HYDRONOMI 586
 HYDRONOMIDES 586
 HYDRONOMINI 586
Hydronomus 586
 HYDROPHILIDAE 27, 153, 873, 883, 887, 891
 HYDROPHILII 153, 154, 155, 156
 HYDROPHILINA 27, 156
 HYDROPHILINAE 27, 154
 HYDROPHILINI 27, 155
 HYDROPHILOIDEA 27, 153
Hydrophilus 153, 154, 155, 156, 891
 HYDROPORIDES 151
 HYDROPORINAE 26, 151, 152
 HYDROPORINI 27, 151, 152
Hydroporus 151, 152
Hydroscaapha 99
 HYDROSCAPHIDAE 19, 99
Hydrosmeeta 194
 HYDROSMECTINA 194
Hydrotrupes 149
 HYDROTRUPINAE 149
 HYDROVATINI 27, 152
Hydrovatus 152
Hygriobia 149
Hygriobia 149, 891
 HYGROBIIDAE 26, 149, 873, 891
 HYGROBINAE 149
Hygronoma 201
 HYGRONOMIDES 201
 HYGRONOMINA 34, 201
 HYGRONOMINI 34, 201
 HYGROTINI 27, 152
Hygrotrus 152
Hylaspes 527
 HYLASPINA 527
 HYLASPINI 79, 527, 528
 HYLASPITES 527
Hylastes 634
 HYLASTES 634
 HYLASTINI 93, 634
 HYLECOETI 342
 HYLECOETIDAE 342
 HYLECOETINAE 56, 342
 HYLECOETOIDEA 10, 342, 873
Hylecoetus 342
Hylepignatio 2, 17, 388
 HYLEPIGNALIONIDAE 388
 HYLESINEN 634
 HYLESINIDAE 634
 HYLESININI 93, 634
Hyletinus 634
 HYLOBIDAE 625, 626
 HYLOBIINA 92, 626
 HYLOBIINI 92, 625
Hylobius 625, 626
Hylochar 302
Hylocharis 302
 HYLOCHARINI 50, 302
Hylocharis 302
 HYLOCHARITES 302
 HYLOCURIDAE 635
Hylocurus 635
 HYLOPHILIDAE 449
Hylophilus 449
 HYLOTORINI 120
Hylostorus 120
Hylostropus 474
 HYLOTRUPINI 73, 474
 HYLURGIDAE 634
 HYLURGINI 93, 634, 882
 HYLURGOPINA 634
Hylurgops 634
Hylurgus 634
Hymaea 362
 HYMAEINAE 362
 HYOCINA 68, 430
 HYOCINI 68, 430
 HYOCINI 430
Hyocis 430

- HYORRHYNCHINAE 635
 HYORRHYNCHINI 93, 635
Hyorrhynchus 635
Hypasciera 435
 HYPASCLERINI 435
Hypena 619
Hyperacantha 530
 HYPERACANTHITES 530
 HYPERASPIDINI 61, 379
 HYPERASPIENS 379
 HYPERASPINI 379
Hyperaspis 379
 HYPERIDAE 619
 HYÉRIDES 619
 HYPERINAE 91, 619, 871
 HYPERINI 91, 619
 HYÉROPIDES 411
Hyperops 411
 HYPHALINAE 49, 294
Hypbalus 294
 HYPHYDRIIDAE 152
 HYPHYDRINI 27, 152
Hyphydrus 152
 HYPNOIDINI 51, 314, 872
Hypnoidus 314
 HYPNOMORPHINI 52, 320
Hypnomorphus 320
 HYPOBORINAE 635
 HYPOBORINI 93, 635
Hypoborus 635
 HYPOCEPHALI 453
 HYPOCEPHALIDAE 453
 HYPOCÉPHALIENS 452
 HYPOCEPHALINI 71, 452
Hypocephalus 452
 HYPOCOPRINI 59, 361
Hypocoprus 361
 HYPOCYPTIDAE 201
 HYPOCYPTINI 35, 201
Hypocyptus 201
Hypodacne 369
 HYPODESINI 317
Hypodesis 317
 HYPODÉSITES 317
 HYPOHYPURINI 88, 591
Hypohypurus 591
Hypoliodus 169
 HYPOLIODINA 169
 HYPOLITHINAE 314
Hypolithus 314
 HYPOMELINA 66, 409
Hypomelus 409
 HYPOPHAGINA 362
Hypophagus 362
 HYPOPHLEAIDES 430
 HYPOPHLEAINI 68, 430
Hypophlaeus 430
 HYPOPRASINA 46, 282
Hypoprasia 282
Hypsolegenia 267
 HYPSELOGENIAE 267
 HYPSELOMINAE 497
Hypselomus 497
Hysiomia 497
 HYSIOMATINI 497
 HYSIOMITAE 497
 HYPSONOTIDAE 610
Hypsonotus 610
Hyptioma 222
 HYPTIOMAE 222
 HYPTIOMINA 38, 222
 HYPULIA 417
 HYPULIDAE 388
 HYPULINI 63, 388
Hypulus 388, 417
 HYPURIDAE 591
 HYPURINI 88, 591
Hypurus 591
 HYSTÉRARTHRIDES 399
 HYSTERARTHRIINI 399
Hystenarthron 399
Iapir 99
Ibidion 474
 IBIDIONINA 73, 474
 IBIDIONINI 73, 474
 IBIDIONTAE 474
Ichnea 348
 ICHNEINAE 348
 ICHNEOIDAE 348
Ichnestoma 267
 ICHNESTOMATINA 44, 267
 ICHNOÏDES 348
Ichnostoma 267
 ICHTHYOSOMITAE 503
Ichthyosomus 503
 ICHTHYURINI 54, 331
Ichthyurus 331
Ictistygna 447
 ICTISTYGNINAE 447
 ICTISTYGNINI 70, 447
Idacantha 530
 IDACANTHITES 530
Idastrandella 403
 IDERATINI 73, 474
Ideratus 474
 IDIOBIIDAE 364
Idiobius 364
 IDIOMORPHINAE 132
 IDIOMORPHINI 24, 132
Idiomorphus 132
Idiostoma 246
 IDIOSTOMINAE 246
Idisia 407
 IDISIINI 65, 407
 ILLOPINA 353
Illops 353
 ILYBII 149
Ilybius 149
 IMATIDIIDAE 515
 IMATIDIINI 78, 515
Imatidium 515
 IMIRINI 32, 187
Imirus 187
Inca 270
 INCADAE 270
 INCINA 44, 270
 INIOCYPHINA 32, 187
 INIOCYPHINI 32, 187
Iniocyphus 187
Inna 136
 INOPELINAE 70, 446
 INOPELINI 446
Inopeplus 446
 IPHUIDES 611
Ipbimeis 537
 IPHIMEITAE 537
 IPHIMEITES 537
 IPHIMÉITES 537
Ipbis 611
 IPINI 93, 360, 635, 881, 882
Ips 360, 635
 IPS 360
Irsimus 187
Iresia 104
 IRESINA 20, 104, 870
 IRESINA 104
Iridotaenia 280, 889
 IRIDOTAENINI 280
Ischalia 451
 ISCHALINAE 71, 451
Ischioloncha 489
 ISCHIOLONGCHIDES 489
 ISCHIOLONGCHINI 489
 ISCHIOPACHINA 532
 ISCHIOPACHITAE 532
 ISCHIOPACHITES 532
Ischiopachys 532
 ISCHNOCERI 546
 ISCHNOCERIDAE 546
 ISCHNOCERINI 81, 546
Ischnocerus 546
Ischnocerus 546
 ISCHNOMERI 565
 ISCHNOMERIDAE 564
 ISCHNOMÉRIDES 564
Ischnomerus 564, 565
Ischnopoda 193, 893
 ISCHNOPODINI 193
 ISCHNOSCELI 266
Ischnoscelus 266
 ISCHNOSTOMIDAE 267
 ISCHNOVALGINAE 272
Ischnovalgus 272
 ISCHYOMIDES 444
Ischyomius 444
 ISCHYRONYCITAE 516
 ISCHYROSONYCHINI 78, 516

- ISCHYROSONYCHITES 516
Ischyrosorix 516
 ISOCÉRATES 421
Isocerus 421
 ISOCLERINA 346
 ISOCLERINI 57, 346
Isoclerus 346
 ISOLABINA 82, 554
Isolabus 554
 ISONYCHIDAE 251
Isorychus 251
 ISOPLEURIDAE 145
Isopleurus 145
Isoptia 257
 ISOPLIINA 42, 257
 ISOPLIINI 257
 ISOPTERINA 90, 605
Isopterus 605
 ISORHYNCHIDES 591
 ISORHYNCHINAE 591
 ISORHYNCHINI 591
Isorhynchus 591
Isothea 561
 ISOTHEINA 83, 561
 ISOTHEINAE 83, 561
 ISOTHEINI 83, 561
Istrisia 446
 ISTRISIINI 446
Ita 494, 626
Italodytes 108
 ITALODYTINA 108
Ites 494
 ITESINI 494
Ithaura 627
 ITHAURINAE 627
 ITHY CERIDES 570
 ITHY CERINAE 85, 570
Ithy cerus 570
 ITHYPORIDAE 626
 ITHYPORIDES 626
 ITHYPORINA 92, 626
 ITHYPORINI 92, 626
Ithyporus 626
 ITHYSTÉNIDES 565
 ITHYSTENINA 84, 565
 ITHYSTENINAE 565
 ITHYSTENINI 564, 565
Ithystenus 565
 ITINI 92, 494, 626
 IVIOLINI 40, 237
Iviolus 237
Ixalma 583
 IXALMINA 87, 583
 IXAPINA 84, 568
 IXAPINI 568
Ixapion 568
 JACOBSONIIDAE 55, 333
Jacobsonium 333
 JAMWONINAE 454
Jamwonus 454
 JANSSENINI 120
Janssenius 120
 JANUSCULINA 33, 189
Janusculus 189
Jauravia 381
Jenibuntor 305
 JENIBUNTORINI 51, 305
 JORDANTHRIBINI 81, 546
Jordanthribus 546
 JUANORHINIINI 92, 626
Juanorhinus 626
 JUBINI 32, 182
Jubus 182
 JULODIDES 276
Julodimorpha 285
 JULODIMORPHINI 47, 285
 JULODIMORPHITES 285
 JULODINAE 45, 276, 277
 JULODINI 277
Julodis 276
Jurodes 96
 JURODIDAE 19, 96
 KALCAPIINA 84, 568
 KALCAPIINI 568
Kalcapon 568
 KALTANOCOLEIDAE 94
Kaltanocoleus 94
 KARARHYNCHIDAE 96
 KARARHYNCHINAE 19, 96
 KARARHYNCHINI 19, 96
Kararhynchus 96
Karatataur 543
 KARATAUCARINI 80, 543
Karumia 275
 KARUMINAE 45, 274, 275
 KARUMIINI 45, 275
 KARUMINAE 275
Kateretes 365, 891
 KATERETIDAE 60, 365, 887, 891
Kenderlyka 97
 KENDERLYKAINI 19, 97
 KENDERLYKANINI 97
Kisanthobia 285
 KISANTHOBINI 47, 285
Klewaria 407
 KLEWARIINAE 407
 KLEWARIINI 65, 407
Kolon 170
Korotyaevius 573
Korymetes 348, 890
 KORYNETINAE 57, 348
Kryptophagus 360
Kubitangia 407
 KUHTANGIINAE 407
 KUHTANGIINI 65, 407
 KUSCHELININI 142
Kuschelinus 142
Kuschelomacer 541
 KUSCHELOMACERINI 541
 KUSCHELOMACRINI 80, 541
 KYTORHININAE 508
 KYTORHINIINI 77, 508
Kytorhinus 508
 LABIDOPULLINA 35, 203
Labidopullus 203
Labienus 229
 LABRADOROCOLEIDAE 18, 94
Labradorocoleus 94
 LACCOBIINI 27, 156
Laccobius 156
 LACCONECTINI 150
Lacconectus 150
 LACCONOTINI 443
Lacconotus 443
 LACCOPHILIDAE 153
 LACCOPHILINAE 27, 153
 LACCOPHILINI 27, 153
Laccophilus 153
 LACCONINI 27, 152
Laccornis 152
Laches 229
 LACHINAE 229
Lachna 398
 LACHNAEDES 398
 LACHNIDAE 398
 LACHNINA 399
 LACHNINAE 397, 399, 876
 LACHNINI 398, 886
 LACHNODACTYLINA 65, 407
Lachnodactylus 407
Lachnogya 407, 408
 LACHNOGYINA 65, 408
 LACHNOGYINI 65, 407, 408
 LACHNOPHORI 132
 LACHNOPHORINA 24, 132
 LACHNOPHORINI 24, 132
Lachnophorus 132
Lachnus 398
Lacon 307, 308, 852
 LACONINI 308
Lactica 524
 LACTICAE 524
 LACTICITES 524
 LAEMOPHLOEIDAE 59, 364, 840
 LAEMOPHLOEINI 364
Laemophloeus 364
 LAEMOSACCINAE 621
 LAEMOSACCINI 91, 621
Laemosaccus 621
 LAEMOSTENINA 145
Laemostenus 145
 LAEMOTMETINI 364
Laemotmetus 364
Laena 398
 LAENINA 398
 LAENINI 64, 398
 LAGENODERINA 82, 555

- LAGENODERINI 555
Lagenoderus 555
 LAGOCHEIRINAE 486
Lagocheirus 486
Lagria 397, 398, 399
 LAGRARIARAE 397, 398, 399
 LAGRIEN 398
 LAGRIINA 64, 398
 LAGRIINAE 64, 397, 398, 399, 865, 876
 LAGRIINI 64, 398
Lagrioida 451
 LAGRIOIDINAE 70, 451
 LAGRIOIDINI 451
 LAIINA 353
Laius 353
Lamia 486, 495
 LAMIARAE 486, 495
 LAMINAE 75, 486, 494
 LAMINI 76, 493, 495
 LAMINGTONIIDAE 59, 363
Lamingtonium 363
 LAMPRIADAE 135
Lamprias 135
Lamprigera 328
 LAMPRIGERINA 54, 328
Lamprius 232, 233
 LAMPRIIDAE 232, 233
 LAMPRIINAE 39, 232
 LAMPRIINI 39, 233
Lamprocera 327
 LAMPRO CERINI 54, 327
Lamprocheila 284
 LAMPROCHEILINA 47, 284
Lamprohiza 327
 LAMPROHIZINI 54, 327
 LAMPROLABINA 82, 555
Lamprolabus 555
Lampropepla 280
 LAMPROPEPLINA 280
Lamprosoma 531
 LAMPROSOMATINAE 79, 531
 LAMPROSOMATINI 79, 531
 LAMPROSOMIDAE 531
 LAMPYRIA 326, 327
 LAMPYRIDAE 53, 326, 329, 883, 891, 895
 LAMPYRINAE 54, 327
 LAMPYRINI 54, 327
Lampyrus 326, 327, 891
Lancetes 153
 LANCETINAE 27, 153
 LANCETINI 153
Lanceyriella 172
 LANEYRIELLINA 172
Langelandia 394
 LANGELANDIINA 394
Languria 356, 357
 LANGURIIDAE 356, 357
- Languria* 356, 357
 LANGURIINAE 58, 356
 LANGURIINI 58, 357
 LAPAROCERIDAE 609, 610
 LAPAROCERINI 90, 609, 610
Laparocerus 609, 610
 LAPETHINAE 370
Lapethus 370
Lara 292, 891
 LARAINAE 48, 292
 LARAINI 48, 292, 883, 887
Laria 508
 LARICOBIIENS 332
 LARICOBIIDAE 332
 LARICOBIIINAE 55, 332
Laricobius 332
 LARIDAE 292, 883
 LARIIDAE 508
 LARINI 292, 883
 LARINIDAE 621
 LARINIDEN 620
 LARININI 621
 LARINOTINAE 344, 868
 LARINOTINI 57, 344
Larinotus 344
Larinus 620, 621, 850
 LARIVERSIINA 414
 LARIVERSINI 414
Larus 292
Lasiocala 259
 LASIOCALINA 43, 259
Lasiocera 138
 LASIOCERINI 138
Lasiocila 510
 LASIOCHILINAE 510
 LASIOCHILINI 510
Lasiocilus 510
Lasioderma 340
 LASIODERMINI 56, 340
 LASIOPODES 253
Lasiopus 253
Lasioryhynchites 560
 LASIORHYNCHITINA 83, 560
Lasioyne 332
 LASIOSYNIDAE 54, 332
 LATHRIDIEN 384
 LATHRIDII 384
Lathridius 384
 LATHROBIDAE 219
 LATHROBIINA 37, 219
Lathrobium 219
 LATICRANIINAE 495
 LATICRANIINI 76, 495
Laticranium 495
 LATOMETINI 64, 395
Latometus 395
 LATRIDIIDAE 62, 178, 384, 873, 895
 LATRIDIIINAE 62, 384
Latridius 384
- LAWRENCEROSINI 60, 367
Lawrencerosus 367
Lebia 133, 135
Lebidia 135
 LEBIDIINA 135
 LEBIINA 24, 135
 LEBINAE 122
 LEBIINI 24, 133
 LEBIOTAE 133, 135
 LÉCHRIOPIDES 594
 LÉCHRIOPINI 88, 594
Lechriops 594
 LEICHENAIRES 422
 LEICHENINA 67, 422
 LEICHENINI 422
Leichenium 422
Leistes 372
 LEIESTINA 372
 LEIESTINAE 61, 372
 LEOCHIRININAE 431
 LEOCHIRININI 68, 431
Leiochrinus 431
Leiodes 167, 168, 169
 LEOIDESIDAE 167, 168, 169
 LEOIDIDAE 29, 167, 174, 873, 883, 891
 LEOIDINAE 29, 168, 169, 883
 LEOIDINI 30, 169, 883
Leioleura 290
 LEOIPLURINA 48, 290
Leiphus 486
Leiosoma 628
 LEOIOMATINA 92, 628
 LELEUPAUSSINA 120
Leleupausus 120
Leleupidia 146
 LELEUPIDIINA 25, 146
 LELEUPIDIINI 146
Lema 510, 890
Lemidia 347
 LEMIDIINI 57, 347
 LEMINI 78, 510
Lemodes 447
 LEMODINAE 70, 447
 LEMOIDEAE 510
 LEMOSACIDES 621
 LEMPHINI 58, 352
Lemphus 352
 LENACINAE 359
 LENACINI 59, 359
Lenax 359
 LENDOMINI 167
Lendonus 167
Leocacta 2, 18, 255, 860
 LEOGLYMMIINA 101
 LEOGLYMMINI 20, 101
Leoglymmius 101
 LEPERINA 344
 LEPERINI 344

- LEPICERIDAE 10, 19, 98
 LEPICEROIDEA 19, 98, 873
Lepicerus 98
Lepisia 250
 LEPISIIDAE 250
 LEPTTRICHIDAE 250
 LEPTTRICHIDEN 250
Leptitrix 250
 LEPTOTHOPLIINI 257
Leptotes 535
 LEPROTINI 536
 LEPROTITAE 535
 LEPROTITES 535
 LEPTANILLOPHILINA 35, 203
 LEPTANILLOPHILINI 203
Leptanillophilus 203
 LEPTAULACAE 229
 LEPTAULACINI 39, 229
Leptaulax 229
 LEPTHISPINI 516
 LEPTIDEA 479
 LEPTIDEINA 479
 LEPTIDEINI 479
 LEPTIDÉITES 479
 LEPTINIDAE 174
 LEPTINOPTERINI 233
Leptinopterus 233
Leptinus 174
Leptispa 516
 LEPTISPINI 78, 516
 LEPTISPITES 516
 LEPTOBII 219
Leptobium 219
 LEPTOCHIRINA 210
 LEPTOCHIRINI 36, 210
Leptochirus 210
 LEPTODERIDAE 172
 LEPTODÉRIDES 171, 172
Leptoderis 406
Leptoderus 171, 172
Leptodes 408
 LEPTODIDAE 408
 LEPTODIDES 408
 LEPTODINAE 408
 LEPTODINI 66, 408
Leptodinodes 124
 LEPTODINODINI 124
 LEPTODIRINA 30, 172
 LEPTODIRINI 30, 171, 172, 873
Leptodirus 171, 172
Leptohoplia 257
 LEPTOHOPLIINA 42, 257
 LEPTOLYCINI 53, 324
Leptolytus 324
 LEPTOMASTACINI 37, 214
Leptomastax 214
Leptonota 493
 LEPTONOTINI 493
 LEPTONOTITAE 493
 LEPTOPALPINA 442
Leptopalpus 442
 LEPTOPHINAE 618, 843, 849
 LEPTOPINAE 617
Leptopius 617, 618
 LEPTOPODIDAE 255
 LEPTOPODOCOLEIDAE 101
Leptopodocoleus 101
Leptops 617
 LEPTOPSIDES 617, 618
 LEPTOPSIINI 617
Leptopus 255
Leptorhynchus 565
 LEPTORRHYNCHIDAE 565
Leptorrhynchus 565
 LEPTOSCHOENORUM 589
 LEPTOSCHOINIDES 589
 LEPTOSCHOININA 87, 589
 LEPTOSCHOININI 588
Leptoschoinus 589
 LEPTOSCYDMINI 37, 215
Leptoscydmus 215
 LEPTOSINAE 618
 LEPTOSONYCHINI 527
Leptosonyx 527
 LEPTOSTÉTHIDES 610
 LEPTOSTETHINI 90, 610
Leptostethus 610
Leptosus 618
 LEPTOTRACHÉLIDES 125
Leptotrachelus 125
 LEPTOTYPHII 217
 LEPTOTYPHILINAE 37, 217
 LEPTOTYPHILINI 37, 217
Leptotyphlus 217
Leptura 462
 LEPTURETAE 462
 LEPTURIDAE 453
 LEPTURINAE 72, 462, 473, 477, 880
 LEPTURINI 72, 462
 LEPTUROIDES 314
 LEPTUROIDINI 314
Leptura 199, 893
 LEPTUSAE 199
Leptynopterus 233
 LEPTYRIDAE 626
 LEPTYRINI 92, 626
Leptyrus 626
Lesteva 175, 893
 LESTÉVATES 175
 LESTEVINA 175
 LESTIGNATHINA 24, 137
Lestignathus 137
 LETHREN 228
 LETHRI 228
 LETHRINI 39, 228
Lethrus 228
 LEUCOCOLIDAE 263
 LEUCOCOLIDEN 263
 LEUCOCELINA 43, 263
Leucocelis 263
 LEUCOCRASPEDINI 35, 201
Leucocraspedum 201
Leucolaelaphus 409
 LEUCOLAEAPHUSINI 409
 LEUCOPHOLIDAE 252
 LEUCOPHOLINA 42, 252
Leucopholis 252
 LEUCOTHYREIDAE 258
 LEUCOTHYREINI 258
Leucothyreus 258
Leupelia 179
 LEUPELIINA 31, 179
Lexiphanes 533
Liadytes 147
 LIADYTIDAE 26, 147
 LIADYTISCINAE 27, 153
Liadytiscus 153
Liaoximordella 389
 LIAOXIMORDELLIDAE 389
 LIBNETINAE 52, 321
 LIBNETININA 321
Libnetis 321
 LICHADIDAE 298
 LICHADIDEN 297
Lichas 297, 298
 LICHENOPHANES 336
 LICHENOPHANINI 336
 LICHNASTENITAE 134
 LICHNASTHENITAE 134
Lichnasthenus 134
Lichnia 250
 LICHNIADAE 250
 LICHNIINI 42, 250
 LICHNI 137
 LICHNINA 24, 137
 LICHININAE 122
 LICHININI 24, 137
Licinus 137
Ligniperda 336
 LIGNIPERDIDAE 336
Lignyodes 585
 LIGNYODINA 87, 585
 LIGNYODINI 585
 LIMNASTINI 114
Limnastis 114
 LIMNÉBIAIRES 163
 LIMNEBIIDAE 163
 LIMNEBIINAE 163
 LIMNEBIINI 29, 163
Limnebius 163
 LIMNICHIDAE 49, 294
 LIMNICHINAE 49, 294
 LIMNICHINI 49, 294
 LIMNICHOPHARINI 62, 379
Limnichopharus 379
Limnichus 294
 LIMNIIDAE 293

- Limnius* 293
 LIMNOBARINI 587
Limnobaris 587
 LIMONIINA 313
Limoniis 313
Limulodes 166
 LIMULODINAE 166
LINA 519
 LINA 520
 LINAENES 519
 LIOGENITAE 249
Liogenys 249
 LIONYCHIDAE 134
Lionychus 134
Lioon 291
 LIOONINI 291
 LIOPHLOEIDAE 614
Liophloeus 614
 LIOPI 486
Liopus 486
Liosoma 628
 LIOSOMINA 628
 LIOXYONYCHINI 88, 591
Lioxonyx 591
 LIOXYONYXINI 591
 LIPARETRIDAE 250
 LIPARETRINI 42, 250, 580
Liparetrus 250
 LIPARIDES 628
 LIPAROCEPHALI 201
 LIPAROCEPHALINI 35, 201
Liparocephalus 201
 LIPAROCHRINAE 40, 237
Liparochnus 237
 LIPARODERINI 448
Liparoderus 448
Liparus 622, 628
 LISPINI 211
 LISPININA 36, 211
Lispinus 211
 LISPTHERIINI 85, 569
Lisptherium 569
 LISSAUCHENIIDAE 123
Lissauchenius 123
Lissodema 446
 LISSODEMINA 446
 LISSOGENIINA 44, 264
Lissogenius 264
 LISSOMIDAE 311
 LISSOMINAE 51, 311
Lissomus 311
Lissonota 475
 LISSONOTINAE 474
 LISSONOTINI 73, 474, 475, 879
Lissonotus 474
 LISSOPOGONINI 22, 116
Lissopegonus 116
 LISSORHOPTRINAE 576
Lissorhopterus 576
- Lissotes* 234
 LISSOTINI 234
 LISTRINI 58, 351
 LISTRIOPHORINI 187
Listriophorus 187
 LISTROBYCTISCINA 83, 559
Listrobyctiscus 559
Listroderes 603, 845
 LISTRODERI 603
 LISTRODERINI 89, 603
Listrus 351
 LITHINIDES 627
 LITHININA 92, 627
 LITHININAE 627
 LITHININI 92, 627
Lithinus 627
 LITHOCHARES 219, 220
 LITHOCHARINA 37, 219, 220
Lithocharis 219, 220
 LITHOCUPEDINI 18, 96
Lithocupes 96
 LITHOPHILIDAE 381
 LITHOPHILINAE 382
Lithophilus 381
 LITHOSCARABAEINAE 40, 238
Lithoscarabaeus 238
Lithostoma 345
 LITHOSTOMATINI 57, 345
 LITHOSTOMINI 345
 LITOBORINAE 423
Litoborus 423
 LITOSOMIDES 572
 LITOSOMINI 85, 572
 LITOSOMINORUM 572
Litosomus 572
 LIXIDES 619, 620
 LIXINAE 91, 619, 620, 621, 848, 849
 LIXINI 91, 620, 621
Lixus 619, 620, 849, 850
 LJUDMILININA 556
Ljudmilinus 556
 LOBERINAE 58, 356
 LOBERINI 356
Loberonotha 356
 LOBERONOTHINI 356
Loberus 356
 LOBODONTINI 136
Lobodontus 136
 LOBONYCHINI 57, 349
Lobonyx 349
 LOBORHYNCHIDES 612
 LOBORHYNCHINAE 612
Loborhynchus 612, 894
 LOBOTRACHÉLIDES 594
 LOBOTRACHELINAE 594
 LOBOTRACHELINI 88, 594
Lobotrachelus 594
 LOEBLIORYLININAE 369
- Loebliorylon* 369
 LOEBLIORYLININAE 60, 369
 LOEBLIQUASIMUSINA 52, 316
 LOEBLIQUASINA 316
Loebliquasus 316
 LOENSINA 67, 422
 LOENSINI 422
Loenus 422
Lomanoxia 240
 LOMANOXINI 240
 LOMAPTERA 268
 LOMAPTERIDAE 268
 LOMAPTERINA 44, 268
 LOMAPTERINI 267
Lomechusa 201, 202
 LOMECHUSIDAE 201, 202
 LOMECHUSINA 35, 202
 LOMECHUSINAE 192
 LOMECHUSINI 35, 201
 LONCOPHORINI 578
Loncophorus 578
 LONGINA 458
 LONGITARSES 522, 526
 LONGITARSINI 526
Longitarsus 522, 526
 LOPHODERINI 215
Lophioderus 215
Lophocateres 343
 LOPHOCATERINAE 343
 LOPHOCATERINI 2, 17, 57, 343, 867, 877
 LOPHOTIDES 602
Lophotus 602
 LORDOPIDES 610
 LORDOPINAE 604
 LORDOPINI 90, 610
Lordops 610
Loricera 107
 LORICERIDES 107
 LORICERINAE 21, 107
 LOUBACANTINI 399
Loubacantus 399
 LOXANDRINA 122
 LOXANDRINI 122
Loxandrus 122
 LOXOMERIFORMES 107
Laxomerus 107
Laxoncus 131
 LUCANIDAE 39, 232, 891
 LUCANIDES 232, 233
 LUCANINAE 39, 233
 LUCANINI 39, 233
Lucanus 232, 233
Lucidota 327, 328
 LUCIDOTAE 328
 LUCIDOTIDES 327, 328
 LUCIDOTINA 54, 328
 LUCIDOTINI 54, 327
Luciola 328, 329

- LUCIOLIDES 328, 329
 LUCIOLINAE 54, 328, 329
 LUCIOLINI 54, 329
Ludia 317
 LUDII 317
 LUDIDES 317
 LUDINI 317, 882
 LUDIOCTENINA 309
Ludioctenus 309
Ludius 317
Lulua 460
 LULUINA 460
Lunilla 181
 LUNILLINA 31, 181
 LUNILLINI 181
Luperaltica 525
 LUPERALTICINI 525
Luperca 112
 LUPERCINI 22, 112
 LUPERIDAE 528
 LUPERINI 79, 528
Luperus 528, 890
 LUPROPINI 64, 399
Luprops 399
 LUPROPSINI 399
 LUSCOSMODICINI 73, 475
Luscosmodicum 475
 LUTROCHIDAE 49, 294
Lutrochus 294
Lycaria 521
 LYCARITES 521
 LYCIDAE 52, 320, 321
 LYCINAE 53, 323
 LYCINI 53, 321, 324
 LYCOPERDINA 373
 LYCOPERDINADAE 373
 LYCOPERDININAE 61, 373
Lycoprogenites 321
 LYCOPROGENTHINI 53, 321
 LYCOPTINI 2, 18, 343, 867, 877
Lycopsis 343
 LYCTIDES 337
 LYCTINAE 56, 337
 LYCTINI 56, 337
Lyctus 337
Lycus 321, 323, 324
 LYCUSIDAE 321, 323, 324
Lyda 440
 LYDIDAE 440, 883
 LYDINA 440, 883
 LYDINI 440
Lydus 440
 LYGIPTOPTERI 323
Lygistopterus 323
 LYGOPHILIA 406
Lygophilus 406
 LYGRINI 73, 475
Lygrus 475
Lymantes 627
 LYMANTIDES 627
 LYMANTINI 92, 627
 LYMEXYLA 342
 LYMEXYLIDAE 56, 342
 LYMEXYLINAE 56, 342
 LYMEXYLOIDEA 10, 56, 342, 856, 867, 873
Lymexylon 342
Lymanastis 114
Lymoxylon 342
 LYMOXYLONIDAE 342
Lypesibes 536
 LYPETHINI 536
Lypnea 526
 LYPNEINA 526
Lyponia 324
 LYPONINI 53, 324
 LYPONININA 324
 LYPRIIDAE 586
 LYPRIINAE 2, 17, 586, 842, 871
Lyprus 586
 LYROPAEINAE 53, 322
 LYROPAEINI 53, 322
Lyropacus 322
Lyrosoma 167
 LYROSOMINI 167
Lystronichus 427
 LYSTRONYCHI 427
 LYSTRONYCHIDES 427
Lystronychus 427
 LYTERIIDES 589
 LYTERIINI 589
Lyterius 589
Lytta 330, 439
 LYTTADAE 439
 LYTTES 439
 LYTTINA 439
 LYTTINI 69, 439, 874
 LYTTOIDES 439
 MACHADOINI 32, 187
Machadous 187
Machaerites 186
 MACHAERITINA 32, 186
Machla 402
 MACHLIDES 402
 MACHLINI 402
 MACHOZETI 129, 130
Machozetus 129, 130
 MACRASPIDIDAE 259
Macraspis 259
Macratia 447
 MACRATRIINAE 70, 447
 MACRATRIINI 70, 447
 MACRAULACINAE 50, 305
 MACRAULACINI 51, 305
Macranlacus 305
 MACROBASEINI 438
 MACROBASES 438
Macrobasia 438
Macrocoma 535
 MACRODACTYLIDAE 251
 MACRODACTYLINI 42, 251, 861
Macroductylus 251
Macrodonia 457
 MACRODONTIINI 71, 457
 MACRODONTITAE 457
 MACROLINEAE 229
 MACROLINI 39, 229
Macrolinus 229
 MACROLYCINAE 324
 MACROLYCINI 53, 324
Macrolycus 324
Macroma 264
 MACROMINA 44, 264
 MACROMINAE 264
 MACROMINI 263, 875
Macrones 475
 MACRONIDES 475
 MACRONINAE 475
 MACRONINI 73, 475, 870
Macronota 268
 MACRONOTIDAE 268
 MACRONOTINA 268
 MACRONOTINI 267
 MACRONYCHIDAE 293
 MACRONYCHINI 49, 293
Macronychus 293
Macrophylla 254
 MACROPHYLLIDAE 254
 MACROPHYLLINA 42, 254, 885
Macrophyllum 254
Macroplea 509
 MACROPMI 259
Macropsus 259
Macropoda 401
 MACROPODIDAE 401, 862, 886
 MACROPODITES 401
 MACROPODOIDAE 401
Macropogon 299
 MACROPOGONINI 50, 299
Macropus 401
Macrosgon 392
 MACROSIAGONINI 64, 391, 392, 875, 884
 MACROSTYLES 611
Macrostylus 611, 846
Macrotaarrhus 619
 MACROTARRHUSINA 619
Macrotonia 457, 458
 MACROTOMINA 71, 458
 MACROTOMINI 71, 457, 458
 MACROTOMITAE 457, 458
Mada 378
Madagaster 163
 MADAGASTRINI 29, 163
Madabophia 250
 MADAHOPHIINI 250
 MADAINI 378

- MADARIDES 588, 589
 MADARINA 87, 589
 MADARINI 87, 588
Madarus 588, 589
Madecassia 280
 MADOPTERIDAE 587
 MADOPTÉRIDES 587
 MADOPTERINA 87, 587
 MADOPTERINI 587
Madopteris 587
 MAECHIDIINA 251
 MAECHIDIINI 42, 251
Maechidius 251
 MAGDALIDINI 2, 17, 91, 621, 850, 871
 MAGDALINAE 622, 851
 MAGDALINIDAE 622
Magdalinus 622
Magdalis 621, 622, 851, 890
 MAGNOCOLEIDAE 19, 96
Magnocoleus 96
Magnoculus 327
 MALACHIINAE 1, 17, 58, 351, 352
 MALACHINI 58, 352
Malachius 2, 17, 351, 352
 MALACHIUSIDAE 351, 352
 MALACOPTÉRITES 477
Malacopterus 477
 MALCHININI 54, 331
Malchinus 331
 MALLASPINI 71, 459
Mallaspis 459
 MALLASPITAE 459
Mallodon 459
 MALLODONINI 71, 459
 MALLODONITAE 459
Mallodrya 434
 MALLODRYINI 434
 MALTHINEN 331
 MALTHINI 331
 MALTHINIDES 331
 MALTHININAE 54, 331
 MALTHININI 54, 331
Malthinus 331, 352
Malthodes 331
 MALTHODINAE 331
 MALTHODINI 54, 331
 MALVAPIINA 84, 568
 MALVAPIINI 568
Malvapion 568
Manda 213
 MANDELSCHTAMIINA 83, 558
Mandelschtauius 558
 MANDINI 213
Manobia 526
 MANOBIINI 526
Manticora 105
 MANTICORIDAE 105
 MANTICORINI 20, 105
- MANTIDAE 212
Maoraxia 285
 MAORAXIINI 47, 285
 MAOROTHIIINI 38, 222
Maorothius 222
Marcapatia 526
 MARCAPATIINI 526
Mariouta 333
 MARIOUTINI 55, 333
Marolia 388
 MAROLIINI 388
 MASOREIDAE 126
 MASOREINA 23, 125, 126
Masoreus 126
 MASTACHILINAE 229
Mastachilus 229
 MASTACINA 23, 121
Mastax 121
Mastiger 181
 MASTIGERINA 31, 181
 MASTIGERINI 181
 MASTIGINI 37, 214
 MASTIGITAE 36, 214
 MASTIGOIDAE 214
Mastigus 214
 MASTINOCERINAE 53, 326
 MASTINOCERINI 326
Mastinocerus 326
 MASTOGENINI 278
Mastogenius 278
Masuria 202
 MASURIINI 35, 202
 MATHETEI 329
 MATHETINAE 54, 329
Matheteus 329
 MATINAE 27, 153
 MATINI 153
Matus 153
Mauesia 495
 MAUESIINI 76, 495
 MAUESINAE 495
Mauia 546
 MAUIINI 81, 546
 MAURONISCIDAE 57, 349
Mauroniscus 349
Mayetia 183
 MAYETIINI 32, 183
 MAYNIPELINAE 60, 365
Maynipeplus 365
 MAZORÉIDES 126
Mazoreus 126
Mechistocerus 599
 MECINIDAE 582
 MECININI 86, 582
Mecinus 582
 MECISTOCERINI 599
Mecistocerus 599
 MÉCISTOSTYLIDES 599
 MECISTOSTYLINA 89, 599
- MECISTOSTYLINI 599
Mecistostylus 599
 MÉCOCÉRIDES 546
 MECOCERINAE 546
 MECOCERINI 81, 546
Mecocerus 546, 889
 MECOLENINAE 569
 MECOLENITAE 85, 569
Mecolenus 569
Mecomacer 541
 MECOMACERINA 80, 541
 MECOMACERINI 80, 541
 MECONEMINI 546
Mecoenemus 546
 MECOPELMINAE 638
 MECOPELMINI 93, 638
Mecopelmus 638
 MÉCOPIDES 594
 MECOPINI 88, 594
Mecopus 594
 MÉCOSARTHINES 457
 MECOSARTHINI 458
Mecosarthron 457, 458
 MECYCLOTHORACINI 8, 22, 117
 MECYCLOTHORACITAE 117
Mecyclothorax 8, 117
Mecynodera 506
 MECYNODERINAE 506
 MECYNODERINI 505, 506
 MÉCYNODÉRITES 506
Mecynorrhina 266
Mecynorrhina 266
 MECYNORRHININA 266
 MECYSLOBINI 627
Mecyslobus 627
Mecysmoderes 592
 MECYSMODERINA 592
 MECYSMODERINI 88, 592
 MECYSOLOBINI 92, 627
Mecysolobus 627
 MEDINA 220
Medisores 101
 MEDISORINA 101
 MEDISORINI 20, 101
Medon 220
 MEDONES 220
 MEDONINA 37, 220
 MEGABASINI 76, 495
Megabasis 495
 MEGABASITAE 495
Megacantha 413
 MEGACANTHIDAE 413
 MEGACANTHIDES 413
 MEGACANTHINA 413
Megacephala 105
 MEGACEPHALIDAE 105
 MEGACEPHALINI 20, 105
Megacenus 8, 261
 MEGACERIDAE 261

- MEGACERINA 77, 508
 MEGACERINI 508, 881
Megacerus 508
Megacerus 508
 MEGACOELINI 73, 475
Megacoelus 475
Megacyllene 469
 MEGADERITAE 484
Megaderus 484
 MEGADONTICI 106
Megadontus 106
 MEGAGENIANOS 401
 MEGAGENIIDAE 401
 MEGAGENIINI 401, 876
Megagenius 401
 MEGAGNATHES 433
Megagnathus 433
Megalocaria 377
Megalodacne 358
 MEGALODACNINI 59, 358
Megalognatha 530
 MEGALOGNATHITES 530
 MEGALOPAUSSINAE 119
Megalopausus 119
 MEGALOPHTHALMINI 327
Megalophtalmus 327
 MEGALOPIDES 504
 MEGALOPINAE 214
 MEGALOPINI 213
 MEGALOPININAE 214
Megalopinus 213, 214
 MEGALOPODIDAE 77, 504, 891
 MEGALOPODINAE 77, 504
 MEGALOPODOIDEA 452
Megalops 213
Megalopsidia 214
 MEGALOPSIDIINAE 36, 213, 214
 MEGALOPSIDIINI 214
Megalopus 504
 MEGALOSTOMIDEAE 532
Megalostomis 532
 MEGAMERINAE 505
 MEGAMERINI 77, 505
 MEGAMÉRITES 505
Megamerus 505
 MEGAPALPINI 364
Megapalpus 364
Megapenthes 317
 MEGAPENTHINI 52, 317
 MEGARHININAE 631
Megarhinus 631
 MEGARTHRIINI 178
 MEGARTHROPSINI 33, 190
Megarthropsis 190
Megarthrus 178
 MEGASCELIDAE 538
 MEGASCÉLIDES 537
 MEGASCÉLIDINI 79, 537, 538
Megascelis 537
- Megasoma* 260
 MEGASOMINAE 260
 MEGASTERNAIRES 157
 MEGASTERNI 158
 MEGASTERNINI 28, 157, 158
Megasternum 157, 891
 MEGATAPHRINI 394
Megataphrus 394
Megatoma 335
 MEGATOMIDA 335
 MEGATOMINAE 55, 335
 MEGATOMINI 55, 335
Megauchenia 367
Megetra 439
 MEGETRINA 439
Megistopalpus 364
Megodontus 106
 MEGOPIDES 454
Megopis 454
 MELAENINAE 22, 112
Melaenus 112
 MELAMBIATES 423
 MELAMBIINA 67, 423
 MELAMBINA 423
Melambius 423
Melanactes 312
 MELANACTIDAE 312
 MÉLANACTIDES 312
 MELANACTINAE 312
Melanchiton 138
 MELANCHITONINI 25, 138
 MELANCHITONITAE 138
Melandrya 2, 17, 388
 MELANDRYIDAE 1, 2, 17, 63, 388, 873
 MELANDRYINAE 63, 388
 MELANDRYINI 1, 17, 63, 388
Melaneros 324
 MELANEROTINI 53, 324
Melanimon 418
 MELANIMONINA 418
 MELANIMONINI 67, 418
 MELANOCRATOID 424
Melanocratus 424
Melanodes 138
 MELANODINI 138
Melanophila 285, 889
 MELANOPHILINI 47, 285
Melanophthalma 384
 MELANOPHTHALMIDAE 384
 MELANOTI 318
 MELANOTINI 52, 317, 318, 872
 MÉLANOTITES 318
Melanotus 317, 318
 MELASIDAE 299, 301, 302, 873, 895
 MELASINA 50, 302
 MELASINAE 50, 301
 MELASINI 50, 302
Melasis 301, 302
- Meleagros* 141
 MELEAGROSINI 141
 MELIBOEINA 48, 289
Melibocus 289
Meligethes 366
Meligethiella 344
 MELIGETHIELLINAE 344
 MELIGETHINA 366
 MELIGETHINAE 60, 366
Melisodera 117
 MELISODERIDES 117
Melittomma 342
 MELITTOMMATINAE 56, 342
 MELITTOMMINAE 342
 MELOBASEINI 47, 285
 MELOBASINI 285
Melobasis 285
Meloe 436, 438, 440, 891
 MELOETYPHILINI 441
Meloeypphilus 441
 MELOIDAE 68, 436, 440, 441, 482, 640, 857, 874, 880, 883, 884, 887, 891
 MELOINAE 69, 438
 MELOINI 69, 440
Melolontha 247, 251, 252, 532, 892
 MELOLONTHIDAE 247, 251, 252, 263, 861
 MÉLOLONTHIDES 252
 MELOLONTHINA 42, 252
 MELOLONTHINAE 41, 247, 263, 860, 861
 MELOLONTHINI 42, 251, 532
 MELOOIDES 436, 438, 440
 MELYANDRIDA 388
 MELYRIA 350
 MELYRIDAE 1, 2, 17, 57, 349, 353
 MELYRIDES 349, 350
 MELYRINAE 57, 350
 MELYRINI 57, 350
Melyris 349, 350
Mendizabalia 286
 MENDIZABALINI 47, 286
 MÉNÉMACHIDES 594
 MENEMACHINI 88, 594
Menemachus 594
 MENEPHILINI 432
Menephilus 432
 MENOETIINI 609
Menoetius 609
 MENTOPHILINI 243
Mentophilus 243
 MENUTHIANASPIDINI 70, 451
Menuthianaspis 451
 MEONIDES 117
 MEONINI 22, 117
Meonis 117
Meotica 204
 MEOTICAE 204

- MEOTICINA 35, 204
Meracantha 413
 MÉRACANTHIDES 413
 MERACANTHINAE 7, 413
 MERACANTHINI 7, 413
 MERIPHINA 86, 581
 MERIPHINAE 581
Meriphys 581
 MERIZODINI 116
Merizodus 116
Meroda 538
 MERODINI 79, 538
 MERODITAE 538
 MERODITES 538
 MERODONTI 610
Merodontus 610
 MEROPATHINA 29, 164
Meropathus 164
Merophysia 371
 MEROPHYSINAE 61, 371
 MEROPHYSINI 371
 MEROSCELISINI 71, 459
 MEROSCELISTAE 459
Meroscelius 459
Meru 148
 MERUIDAE 26, 148
 MERYCIDAE 396
Meryx 396
 MESARTHROPTERINA 119
Mesarthropterus 119
 MESECANINA 167
Mesecanus 167
 MESOCINETIDAE 45, 274
Mesocinetus 274
 MÉSOCOELOPAIRES 341
 MESOCOELOPINI 341
 MESOCOELOPODINAE 56, 341
 MESOCOELOPODINI 56, 341
Mesocolopus 341
 MESOCUPEDINAE 18, 95
 MESOCUPEDINI 95
Mesocupes 95
 MESOGENINI 50, 304
Mesogenus 304
Mesomphalia 516
 MESOMPHALIDAE 516
 MESOMPHALINI 78, 516
 MESOPHYLETINAE 542
Mesophyletis 542
 MESOPORINAE 202
 MESOPORINI 35, 202
Mesoporus 202
 MÉSOPTILIDES 621, 622
 MESOPTILINAE 91, 621, 850, 871
 MESOPTILINI 91, 622
 MESOPTILINAE 622
Mesoptilius 621, 622
Mesosa 496
 MESOSAEDIAE 496
- MÉSOSAİRES 496
 MESOSINI 76, 496
 MESOSTYLINI 90, 610
Mesostylus 610
Mesother 341
 MESOTHINI 341
Mesogaster 189
 MESTOGASTRINA 189
 METACERYLINI 369
Metacerylon 369
Metachroma 538
 METACHROMITAE 538
 METACHROMITES 538
 MÉTACHROMITES 538
 METACINOPINAE 614
Metacinops 614
Metacycla 531
 METACYCLINI 79, 531
 MÉTACYCLITES 531
 METADROMIINA 135
Metadromius 135
Metagnoma 501
 METAGNOMINI 501
Metallica 135
 METALLICINA 24, 135
 METALLICINI 135
Metanastes 262
 METANASTINA 262
 METAPHINA 84, 568
 METAPHINI 568
Metapion 568
Metatyges 627, 628
 METATYGINAE 627, 628
 METATYGINI 92, 627
 METAXINA 345
 METAXINIDAE 57, 345
 METAXYMORPHINA 135
Metaxymorphus 135
 METAZUPHINA 25, 146
Metazuphium 146
Methia 475
 METHIINI 73, 475
 METHIITAE 475
 METHIOIDES 476
 METHIOIDINA 74, 476
Methles 152
 METHLIDAE 152
 METHLINI 27, 152
 METHOLCINI 56, 340
Metholcus 340
Methalma 593
 METIALMINI 593
 METIINA 25, 142
 METHINI 142
Metius 142
 METOCALOLABINA 82, 555
Metocalolabus 555
Metococus 392
Meton 491
- MÉTONIDES 491
 METONINI 491
Metapias 183, 893
 METOPIASINA 32, 183
 METOPIASINI 32, 183, 885, 888
 METOPHINI 183, 885
 METOPOCOILITAE 484
Metopocoilus 484
 METOPONCI 225
Metoponcus 225
Metopsia 178
 METOPSIINAE 178
 METRII 118
 METRIINI 23, 118
Metriorhynchus 325
 METRIORRHYNCHINA 53, 324, 325
 METRIORRHYNCHINAE 324
 METRIORRHYNCHINI 53, 324
Metriorhynchus 324
Metrioxena 552
 METRIOXENINA 82, 552
 METRIOXENINI 82, 552
 METRIOXENOIDES 544
 METRIOXENOIDINAE 80, 544
Metrius 118
 METROTYPHLINI 37, 218
Metrotyphlus 218
 MEZINI 56, 338
Mezium 338
 MIARIDES 582
 MIARINAE 582
 MIARINI 582
Miarius 582
 MICCOTROGIDAE 585
Miccotrogus 585
 MICHOLAEMINAE 391
Micholaemus 391
Michthisoma 465
Michthisoma 465
 MICHTHYSOMINI 465
 MICILINI 49, 295
Micilus 295
 MICRACIDES 635
 MICRACIDINI 93, 635
Micracis 635
 MICRAGONINI 317, 882
Micragyrtes 174, 175
 MICRAGVRTINI 174, 175
Micrabymma 176
 MICRALYMMATES 176
 MICRALYMMINI 176
 MICRANTEREINA 67, 418
 MICRANTEREINI 418
Micranterus 418
 MICRASPIRES 376
Micraspis 376, 377
 MICRATOPINI 114
Micratopus 114
 MICROCEPHALI 142

- MICROCEPHALIDES 142
 MICROCEPHALINA 25, 142
 MICROCEPHALINI 142
Microcephalus 142
 MICROCÉRIDES 570
 MICROCERINAE 85, 570
 MICROCEROXENINA 33, 194
Microceroxenus 194
Microcerus 570
Microchaetes 291
 MICROCHAETINI 48, 291
Microcheila 138
 MICROCHEILINI 25, 138
Microchila 138
 MICROCHILITAE 138
Microcrania 251
 MICROCRANIADAE 251
Microcymatura 496
 MICROCYMATURINI 76, 496
Microglotta 205
 MICROGLOTTAE 205
Microhoria 448
 MICROHORINI 70, 448
 MICROHORINI 448
Microhyus 624
 MICROJULISTINI 350
Microjulistus 350
 MICROMALTHIDAE 18, 95
Micromalthus 95
 MICROPELIDA 178
 MICROPELINAE 31, 178
Micropeplus 178
 MICROPHAGINI 361
Microphagus 361
 MICROSALIDES 461
 MICROSALINI 461
Microsalis 461
 MICRORHAGINAE 301
Microrhagus 301
Microscydmus 215
Microsilpha 174, 175
 MICROSILPHINAE 30, 174
 MICROSTATES 421
Microstus 421
 MICROSPORIDAE 99, 888
Microsporus 99, 892
 MICROSTYLIDAE 582
 MICROSTYLIDES 582
 MICROSTYLINAE 582
Microstylus 582
 MICROTRACHELIZINA 84, 565
Microtrachelizus 565
 MICROTROCTEIDAE 386
 MICROVALGINA 45, 271
 MICROVALGINAE 271
Microvalgus 271
Microweisea 374
 MICROWEISEINAE 61, 374
 MICROWEISEINI 61, 374
 MICROXYLOBIINI 88, 596
Microxylobius 596
 MICROZOINA 418
 MICROZOINI 418, 877
Microzoum 418
 MICROZOMATES 418
 MIGADOPIDAE 107
 MIGADOPINA 21, 107
 MIGADOPINAE 21, 107
 MIGADOPINI 21, 107
Migadops 107
Mimanomma 202, 203
 MIMANOMMATINA 35, 203
 MIMANOMMATINAE 202, 203
 MIMANOMMATINI 35, 202
 MIMAPHODIINAE 40, 237
Mimaphodius 237
Mimastra 529
 MIMASTRINAE 530
 MIMASTRITES 529, 530
 MIMECITINA 35, 203
 MIMECITINI 35, 203
Mimeciton 203
 MIMECITONINI 203
MIMOCYLTRINA 279
 MIMOCYLTRININA 46, 279
Mimonilla 203
 MIMONILLAE 203
 MIMONILLINA 35, 203
Minidulitcola 322
 MINIDULITICOLINI 53, 322
 MINTHOPHILIDAE 243
 MINTHOPHILIDES 243
Minthophilus 243
 MINULINI 637
Minulus 637
 MINURINI 83, 559
Minurus 559
 MINYOMERI 616
Minyomerus 616
 MINYOPIDAE 628
Minyops 628
 MIODITINI 392
 MIRIDAE 187
 MIRINI 187
Miris 187
Miroclaviger 181
 MIROCLAVIGERINA 31, 181
 MIROCLAVIGERINI 181
Mirus 187
 MISCELINI 136
Miscelus 136
 MISCHOCEPHALINA 146
 MISCHOCEPHALINA 25, 146
Mischocephalus 146
 MISOLAMPIDES 432
 MISOLAMPIDIINI 432
Misolampidius 432
Misolampus 432
Mitoplathus 628
Mitracephala 182
 MITRACEPHALINI 182
 MITRAELABRINI 70, 447
Mitraelabrus 447
 MITRAMETOPINA 182
Mitrametopus 182
 MITRORHINAE 230
 MITRORHINUS 230
 MNEMACHINAE 594
Mniophila 524
 MNIOPHILAE 524
 MNIOPHILITES 524
 MOLOPIDES 143
 MOLOPINA 142
Molops 143
 MOLORCHIDAE 475
 MOLORCHINI 74, 475
Molorchus 475
 MOLURIDAE 409
 MOLURINA 66, 409
Moluris 409
 MOLURITES 409
Molytes 622, 628
 MOLYTIDES 622, 628
 MOLYTINA 92, 628
 MOLYTINAE 91, 622, 845
 MOLYTINI 92, 628
Mombasica 527
 MOMBASICITES 527
 MONACHI 533
 MONACHIDEN 533
 MONACHINAE 533
 MONACHINI 533
 MONACHITES 533
 MONACHULINA 79, 533
 MONACHULINI 533
Monachulus 533
Monachus 533
Monardita 521
 MONARDITINI 521
Montilema 496
 MONELEMINI 76, 496
 MONELEMITAE 496
 MONOCHAMINI 76, 494, 496
Monochamus 496
 MONOCHIRINI 515
 MONOCHIRITES 515
Monochirus 515
Monocoryna 379
 MONOCORYNINI 62, 379
 MONOCREPIDII 309
 MONOCREPIDIINAE 309
 MONOCRÉPIDITES 309
Monocrepidius 309
 MONODESMIDES 459
 MONODESMINAE 460
Monodesmus 459, 460
 MONOEDIDAE 393

- Monocedus* 393
 MONOCHAMMIDAE 496
Monobannius 496
Monolepta 530
 MONOLEPTINAE 530
 MONOLEPTITES 530
 MONOLOBINAE 107
Monolobus 107
Monomacra 526
 MONOMACRINAE 526
Monomma 395
 MONOMMATIDAE 395
 MONOMMATINI 64, 395
 MONOMMIDAE 395
 MONOMMITES 395
 MONONYCHI 592
 MONONYCHINI 88, 592
Mononychus 592, 890
Monophylla 346
 MONOPHYLLINI 346
 MONOPLATI 524
 MONOPLATINI 524, 525
 MONOPLATTITES 524
Monoplatus 524
Monotoma 2, 18, 358, 359, 855, 856
 MONOTOMIDAE 2, 18, 59, 358, 359, 855, 856, 857, 891
 MONOTOMINAE 59, 359, 856
 MONOTOMINI 59, 359
 MONOTOMITES 358, 359
 MONOTOMOIDAE 359
Mordella 389, 390
 MORDELLIDAE 63, 389
 MORDELLINAE 63, 390
 MORDELLINI 63, 390
Mordellistena 390
 MORDELLISTENINI 63, 390
 MORDELLOIDEA 384
 MORDELLONAE 389, 390
 MORIMITAE 495
Morimonella 496
 MORIMONELLINI 76, 496
 MORIMOPSIDES 496
 MORIMOPSINI 76, 496, 497
Morimopsis 496
Morimus 495
Morio 138
Moriomorpha 117
 MORIOMORPHINI 22, 117
Morion 138
 MORIONIDAE 138
 MORIONIENS 138
 MORIONINI 25, 138
Mormolyce 136
 MORMOLYCIDAE 136
 MORMOLYCITES 136
Morostoma 319
 MOROSTOMATINAE 52, 319
- MOROSTOMINAE 319
 MORPHOZONITINA 437
 MORPHOZONITINI 437
Morphozonitis 437
 MORYCHINI 48, 291
Morychus 291
Muonaja 304
 MUONAJINI 50, 304
 MURMIDIIDAE 370
 MURMIDIIDES 370
 MURMIDIINAE 60, 370
Murmidius 370
 MYADINA 143
Myas 143
Mycetaea 372
 MYCETAEIDAE 372, 431
 MYCETAEINAE 61, 372
 MYCETÉIDES 372
Mycetochana 427
Mycetochares 427
 MYCETOCHARINA 67, 427
 MYCETOCHARISIDAE 427
Mycetoma 387
 MYCÉTOMIENS 387
 MYCETOMINI 387
 MYCETOPHAGIDA 385
 MYCETOPHAGIDAE 62, 385
 MYCETOPHAGINAE 62, 385
 MYCETOPHAGINI 62, 385
Mycetophagus 385
 MYCETOPORIDES 190
 MYCETOPORINI 33, 190
Mycetoporus 190, 893
 MYCHOCERINAE 370
Mychocerinus 370
Mychocerus 370
 MYCHOTHENINAE 372
Mychothemus 372
 MYCTEINI 81, 547
Mycteis 547
 MYCTERIDAE 69, 443, 457, 858
 MYCTERIDEN 443
 MYCTERINAE 69, 443
Mycterus 443
 MYLABRIA 440
 MYLABRINI 69, 440
Mylabris 440, 891
 MYLACINI 612
 MYLACORRHINA 606
 MYLACORRHININA 90, 606
 MYLACORRRHYNCHINA 606
Mylacus 612
Myllaena 203
 MYLLAENINI 35, 203
 MYLLOCERINA 90, 606
 MYLLOCERINI 606
Myllocerus 606
 MYLOECHINA 170
 MYLOECHINAE 170, 873
- Myloechus* 170
 MYOCHROIINAE 535
Myochrous 535
 MYODERMINI 271
Myodermus 271
Myodites 392
 MYODITIDAE 390, 875
 MYODITINAE 391
 MYODITINI 390, 391, 392
 MYORHINIDAE 610
 MYORHININI 90, 610
Myorhinus 610
Myrabolis 363
 MYRABOLIIDAE 59, 363
 MYRABOLINAE 363
 MYRMACICELINAE 569, 570
 MYRMACICELINI 85, 570
 MYRMACICELITAE 85, 569
Myrmacielus 569, 570
 MYRMECHIXENINI 68, 431
 MYRMECHIXÉNITES 431
Myrmechixenus 431
 MYRMÉCIATES 202
Myrmedonia 202
 MYRMEDONIIDES 202
 MYRMEDONIINA 35, 202
 MYRMEKIXENI 431
Myrmetes 159
 MYRMETINI 159
Myrmoeccia 202
 MYRTONYMINA 577
 MYRTONYMINI 86, 577
Myrtonymus 577
Mysia 376
 MYSIATES 376
Mysteria 453
 MYSTERIINI 71, 453
 MYSTERINAE 453
 MYSTROPHIDAE 367
 MYSTROPINI 60, 367
 MYSTROPOMINI 23, 118
Mystropomus 118
Mystrops 367
Mythodes 476
 MYTHODIDES 476
 MYTHODINAE 476
 MYTHODINI 74, 476
Myzia 376
 NACERDATES 436
Nacerdes 436
 NACERDIDAE 436
 NACERDINI 68, 436
Nanoglossa 199
 NANOGLOSSAE 199
Nanophydes 543
 NANOPHYDINAE 542, 543
 NANOPHYDINI 80, 543
 NANOPHYDEIDAE 571
Nanophyes 571, 889

- NANOPHYINAE 85, 571
 NANOPHYINI 85, 571
Nanosella 165
 NANOSSELLINAE 165
 NANOSELLINI 29, 165
Napochus 215
 NARTHECIINAE 364
Narthecius 364
Nascio 286, 889
 NASCIONINA 286
 NASCIONINI 47, 286
 NASTINI 90, 610
Nastus 610
 NASUTIPHILINA 33, 194
Nasutiphilus 194
Nasutitella 196
 NASUTITELLINA 34, 196
 NATHRIINI 480
Nathrius 479, 480
 NATYPLEURINA 32, 187
Natypleurus 187
 NAUPACTIDAE 611
 NAUPACTINI 2, 17, 90, 611, 846, 847, 848, 871
Naupactus 611, 847
Navomorpha 470
 NAVOMORPHIDES 470
 NAVOMORPHINI 470
Neacratus 564
 NEBRENTHORRHININA 543
 NEBRENTHORRHININA 543
 NEBRENTHORRHININI 80, 543
Nebrentorrhinus 543
Nebria 102
 NEBRIIDAE 102
 NEBRIINAE 20, 102
 NEBRIINI 20, 102
Necrobia 348, 890
 NECROBIAEIDAE 348
Necrodes 174
 NECRODISIDAE 174
Necronectes 147
 NECRONECTINAE 26, 147
Necrophila 167
 NECROPHILIDAE 167
 NECROPHILINAE 29, 167
 NECROPHILINI 167
Necrophilus 167
 NECROPHORIDAE 174
Necrophorus 174
 NECYDALIDES 465
 NECYDALINAE 72, 465
Necydalis 465
 NECYDALOPSIDES 476
 NECYDALOPSINI 74, 476
Necydalopsis 476
Nedine 492
 NÉDINIDES 492
 NEDININI 492
- NEGASTRIINAE 52, 315, 853
 NEGASTRIINI 52, 315
Negastrius 315
NELEIDES 230
 NELEINAE 230
Neleus 230
 NELIDINAE 230
 NEMADINA 30, 170
 NEMADINAE 170
Nemadus 170
Nemaschema 493
 NEMASCHEMATINI 493
 NEMASCHEMITAE 493
 NEMATIDI 393
 NEMATIDIINI 64, 393
Nematidium 393
Nematodes 1, 306
 NEMATODINI 51, 306
 NEMATOPLI 434
 NEMATOPLINAE 68, 434
Nematoplus 434
 NEMATOSCELINI 201
Nematoscelis 201
 NEMOCEPHALI 565
 NÉMOCÉPHALIDES 564
Nemocephalus 564
Nemognatha 441, 891
 NEMOGNATHINA 69, 441
 NEMOGNATHINAE 69, 441, 874, 887
 NEMOGNATHINI 69, 441
 NEMOGNATHITES 441
Nemognathus 441
 NEMONYCHIDAE 80, 540, 851, 874, 887, 891
 NEMONYCHINAE 80, 540
Nemonyx 540, 891
Nemorhinus 566
Nemosoma 345
 NEMOSOMIDA 345
 NEMOTARSINA 24, 135
 NEMOTARSINAE 135
Nemotarsus 135
 NEMOTRAGITAE 487
Nemotragus 487
Nemozoma 345
Neomymoma 492
 NEOCERATOPSINI 180
Neoceratopsis 180
 NEOCERINA 31, 181
 NEOCERINI 181
Neocerus 181
 NEOCHARINI 50, 302
Neocharis 302
Neochlamys 531
 NEOCHLAMYSINI 79, 531
 NEOCHTHEBIINA 29, 164
 NEOCHTHEBINA 164
Neochthebius 164
 NECIMBERINI 540
- Neocimberis* 540
 NEOCLYTITAE 469
Neoclytus 469
 NEOCORINI 74, 476
Neocorus 476
 NEOCURIDINA 47, 285
 NEOCURIDINI 284
Neocuris 285
 NEOCYPHINI 611
Neocyphus 611
Neohabestola 494
 NEOHYDROCOPTINI 26, 148
Neohydrocoptus 148
Neoisocerus 421
Neomida 430
 NEOPACHYPTERINA 67, 420, 421
Neopachypterus 420, 421
 NEOPEDILINI 445
Neopedilus 445
 NEOPELATOPINI 29, 168
Neopelatos 168
 NEOPHONI 178
 NEOPHONINAE 31, 178
Neophonus 178
 NEOPSECTROPINAE 426
Neopspectropus 426
Neorthopleura 349
 NEORTHOPLEURINAE 349
Neosharpia 589
 NEOSHARPINI 87, 589
 NEOSHARPINI 589
 NÉOSTÉNIDES 476
 NEOSTENINAE 476
 NEOSTENINI 74, 476
Neostenus 476
Neotroposponella 172
 NEOTROPOSPEONELLINA 172
 NEOTYPHLINI 37, 218
Neotyphlus 218
Nephanes 166, 892
 NEPHANINI 166
Nephodes 417
 NEPHODINI 417
Nephrites 391
 NEPHRITINAE 391
 NERISSINI 535
Nerissus 535
 NERTHOPIDES 582
 NERTHOPINAE 582
 NERTHOPINI 86, 582
Nerthops 582
 NERTIDES 589, 590
 NERTINI 590
 NERTININA 590
 NERTININI 87, 589
Nertinus 589, 590
Nertus 589, 590
 NESIOBIINI 89, 597
Nesiobius 597

- Nesiotes* 597
 NESIOTINAE 597
 NESONEINI 31, 177
Nesoneus 177
 NESOTRINCHINA 47, 283
Nesotrinchus 283
Nessiara 545
 NESSIARINI 545
 NETTARHINIDES 628
 NETTARHININA 628
 NETTARHININI 92, 628
Nettarhinus 628
Netuschilia 408
 NETUSCHILINA 65, 408
 NETUSCHILINA 408
Neuglenes 165
 NEUGLENINI 165, 166, 874
Neumatona 597
 NEUMATORINI 89, 597
Neuraphes 215
 NEURAPHINI 215
Neuraphes 215
 NICAGINI 39, 232
Nicagus 232
 NICOBINI 340
Nicobium 340
 NICROPHORINAE 30, 174
Nicrophorus 174
 NIGIDIINI 233
Nigidius 233
Nilio 400
Nilion 400
 NILIONDAE 400
 NILIONIDEN 400
 NILIONINAE 64, 400
Niphades 623
 NIPHADINI 623
 NIPHADONOTHINA 623
Niphadonothus 623
Niphona 500
 NIPHONINAE 500
 NIPONIIDAE 158
 NIPONINAE 28, 158
Niponius 158
Nipponocyphon 273
 NIPPONOCYPHONINAE 45, 273
Nitidula 365, 366, 367
 NITIDULARIAE 365, 366, 367
 NITIDULIDAE 60, 365
 NITIDULINAE 60, 366
 NITIDULINI 60, 367
 NITIDULOIDEA 353
Noda 539
 NODINA 538
 NODINI 539
 NODININI 538
Nodostoma 538
 NODOSTOMINI 538
 NODOSTOMITAE 538
 NODOSTOMITES 538
 NODOTELINI 433
Nodotelus 432, 433
Nomia 118
 NOMIAIRES 379
 NOMIIDAE 118, 879, 894
Nomius 118, 379
 NOMIUSIDAE 118, 894
Nonaribna 524
 NONARTHRIDAE 524
 NONARTHITES 524
Nordenskiöldia 217
 NORDENSKIÖLDIINI 217
Nordenskiöldia 217
 NORDENSKIÖLDIINI 37, 217
 NOSODENDRIDAE 55, 333
 NOSODENDRINI 333
 NOSODENDROIDEA 332, 872
Nosodendron 333
Nosoderma 396
 NOSODERMINI 396
Notapion 570
 NOTAPIONINI 85, 570
 NOTARINI 576
Notaris 575, 576
Notaticus 150
 NOTERAPHINI 84, 569
Noterapion 569
 NOTERAPIONINI 569
 NOTERIDAE 26, 148
 NOTERIDES 148
 NOTERINAE 26, 148
 NOTERINI 26, 148
Noterus 148
 NOTHIDAE 389
 NOTHINAE 389, 873
 NOTHOBROSCINA 21, 112
Nothobrosca 112
 NOTHOGNATHIDES 612
 NOTHOGNATHINI 90, 612
Nothognathus 612
Nothomorpha 277
 NOTHOMORPHINA 46, 277
 NOTHOMORPHINI 277
 NOTHOPHYSINI 455
Nothophysis 455
 NOTHORHINA 465
 NOTHORHININI 465
 NOTHOSACANTHINI 78, 516, 517, 871
Nothus 389
 NOTIOKASIINI 20, 102
Notiokasis 102
Notiomimetes 603
 NOTIOMIMETIDES 603
 NOTIOMIMETINI 89, 603
 NOTIOPHILES 102
 NOTIOPHILI 103
 NOTIOPHILINI 20, 102
Notiophilus 102, 103
 NOTIOPHYGINAE 60, 370
 NOTIOPHYGINI 61, 371
Notiophygus 370, 371
 NOTIOXENIDES 550
 NOTIOXENINI 550
Notioxenus 550
 NOTOCUPEDINI 18, 96
Notocupes 96
 NOTODERMINA 576
Notodermus 576
 NOTOLOMINA 86, 578
Notolomus 578
 NOTOMICRINAE 26, 148
 NOTOMICRINI 148
Notomicrus 148
Notomorpha 277
 NOTOMORPHINI 277
Notophysis 455
 NOTOPHYSITES 455
Notosacantha 516, 517
 NOTOSACANTHINA 517
 NOTOSACANTHINI 517
 NOTOTYLINAE 22, 118
 NOTOTYLINI 118
Nototylus 118
 NOTOXIDAE 448
 NOTOXII 347, 448
 NOTOXINAE 70, 347, 448, 878
Notoxus 347, 448, 890
 NOVIAIRES 379
 NOVIINI 62, 379
Novius 379
 NUCLEOTOPINAE 162
 NUCLEOTOPINI 29, 162
Nucleotops 162
Nucterocephalus 609
 NYASSININA 44, 265
Nyassinus 265
Nyctelia 408
 NYCTELIDAE 408
 NYCTELINI 66, 408
 NYCTÉLITES 408
 NYCTERINI 414
 NYCTERINOIDES 413
Nycterinus 413, 414
 NYCTÉROPIDES 425
 NYCTEROPINA 67, 425
 NYCTEROPINI 425
Nycteropus 425
Nyctimene 497
 NYCTIMENIINI 76, 497
 NYCTIMENINI 497
 NYCTIMENTAE 497
Nyctimenius 497
Nyctophysis 310
 NYCTOPHYXINA 51, 310
 NYCTOPORIDES 408

- NYCTOPORINI 66, 408
Nyctoporis 408
Nyctor 319
 NYCTORINI 319
 NYCTOZOILIDES 416
 NYCTOZOILIDES 416
 NYCTOZOILINI 416
Nyctozoilus 416
Nymphister 161
 NYMPHISTERINI 161
 NYMPHISTRINI 28, 161
Oberea 497
 OBEREINAE 497
 OBEREINI 76, 497
 OBEREITAE 497
 OBOROCOLEIDAE 18, 94
Oborocoleus 94
 OBRIARES 476
Obrienia 96, 97
 OBRIENIDAE 19, 96, 97
 OBRIENINAE 19, 97
 OBRIIDAE 476
 OBRIINI 74, 476
Obrium 476
Ocalea 205
 OCALEIDES 205
 OCALEINA 204
 OCALEINI 203
 OCHODAEIDAE 39, 235, 236
 OCHODAEINAE 39, 236
 OCHODAEINI 39, 236
Ochodaenus 235, 236
 OCHODEENS 235, 236
 OCHROLITINI 364
Ochrolitus 364
 OCHTHEBIIDAE 164
Ochthebius 164
 OCHTHEBIINA 29, 164
 OCHTHEBIINAE 29, 164
 OCHTHEBIINI 29, 164
Ochthebius 164, 891
 OCHTHEOSINI 29, 164
Ochtheosus 164
 OCHTHEPHILINI 115
Ochthephilum 218
Ochthephilus 115
Ochrya 476
 OCHYRINAE 476
 OCHYRINI 74, 476
Ochyromera 585
 OCHYROMERINA 87, 585
 OCHYROPINA 21, 110
 OCHYROPINI 110
Ochyropus 110
 OCLADIHES 576
 OCLADIINAE 86, 576
 OCLADIINI 86, 576, 577
Ocladius 576
 OCNOSCELINA 526
Ocnoscelis 526
Octinodes 307
 OCTOCRYPTINI 308
 OCTOCRYPTITES 307
Octocryptus 307, 308
Octogonotes 525
 OCTOGONOTINI 525
 OCTOMICRINI 182
Octomicrus 182
 OCTOTEMNIDAE 386
Octotemnus 386
Octotoma 519
 OCTOTOMIDAE 519
 OCTOTOMITES 519
Ocularia 497
 OCULARIINI 76, 497
Ocypetes 279
 OCYPINA 224
Ocypus 224
Ocyusa 205
 OCYUSAE 205
 OCYUSATES 205
 OCYUSINA 205
Odacantha 138
 ODACANTHIDAE 138
 ODACANTHINI 25, 138
Odettea 277
 ODETTEINA 277
 ODOCHILINI 40, 240
Odochilus 240
 ODONTALGINI 33, 189
Odontalgus 189
 ODONTEINI 38, 227
Odonteus 227, 891
Odontionopa 535, 537
 ODONTIONOPINI 535
 ODONTIONOPITAE 537
 ODONTIONOPITES 537
Odontocheila 104
Odontochila 104
 ODONTOCHILINI 104
 ODONTOLABIDAE 233
Odontolabis 233
 ODONTOLOCHINI 40, 240
Odontolochus 240
 ODONTONYCHINI 52, 318
Odontonychus 318
Odontopus 579
 ODONTOSPHINDINAE 58, 355
 ODONTOSPHINDINI 355
Odontosphindus 355
Oedemera 434, 435, 436
 OEDEMERIDAE 2, 17, 68, 434, 857, 858, 874, 892
 OEDEMERINAE 68, 435
 OEDEMERINI 68, 436
 OEDEMERITES 434, 435, 436
Oedenocera 411
 OEDENODERINI 74, 476
Oedenoderus 476
Oedesis 130
 OEDIONYCHES 524
 OEDIONYCHINI 524
Oedionychis 524
 OEDIONYCHITES 524
Oedioparpa 517
 OEDIOPALPINI 78, 517, 871
Oeme 476, 477
 OEMIDES 476, 477
 OEMINA 74, 477
 OEMINAE 477
 OEMINI 74, 476, 477
 OENEINI 378
Oeneis 378
Oestodes 311
 OESTODINI 311
Ogcocosma 418
Oides 531
 OIDINI 79, 531, 871
 OIDITES 531
 OILEINAE 230
Oileus 230
 OISOCERINI 51, 306
Oisocerus 306
Olexandrella 471
 OLEXANDRELLAEINI 471
 OLIBRINI 364
Olibrus 364
Oligocara 426
 OLIGOCAROIDES 426
 OLIGOCYIDAE 614
Oligocys 614
 OLIGORCHINI 496
Oligota 201
 OLIGOTIDES 201
 OLISTHAERINAE 33, 190
 OLISTHAERINI 190
Olisthaerus 190
 OLOTELINA 2, 17, 449
Olotelus 449
Omacantha 498
 OMACANTHIDAE 498
 OMACANTHIDES 498
 OMACANTHINI 498
 OMALIDAE 175, 176
 OMALINAE 30, 175, 177
 OMALINI 1, 17, 31, 176
 OMALISIDAE 52, 320, 321, 892
Omalisus 320, 321, 892
Omalium 175, 176
Omalodera 115
Omalodes 161
 OMALODINI 28, 161
Omaloplia 254
 OMALOPLIIDAE 254
 OMALOPLIITAE 254
 OMALOPLIITES 254
OMETHES 329

- OMETHES 329
 OMETHIDAE 54, 329
 OMETHINAE 54, 329
Omia 612
 OMIADAE 612
Omius 612
 OMICRINI 28, 158
Omicrus 158
 OMIINI 90, 612, 882
 OMILEI 609
Omileus 609
 OMITES 103
Omma 8, 95, 96
 OMMADIDAE 95, 96
 OMMATIDAE 8, 18, 95
 OMMATINAE 18, 96
 OMMATINI 19, 96
Ommatolampes 573
 OMMATOLAMPIDES 573
 OMMATOLAMPINI 85, 573
 OMOCERINI 78, 517, 871
Omocerus 517
 OMOCRATATES 421
Omoctrates 421
 OMOGLYMMIINA 102
 OMOGLYMMIINI 20, 102
Omoglymmius 102
 OMOLABINA 82, 555
Omolabus 555
 OMOLEPTIDAE 161
 OMOPHLENS 428
 OMOPHLINEAE 428
 OMOPHLINI 428
Omophilus 2, 17, 428
 OMOPHORINAE 627
Omophorus 627, 628
Omophon 107
 OMOPHRONII 107
 OMOPHRONINAE 21, 107
Omoplata 516
 OMOPLATITES 516
 OMORGINAE 39, 231
 OMORGINI 231
Omorxus 231
Omosarotes 491
Ompha 132
 OMPHREINI 25, 138
Omphreus 138
 OMPHRINA 24, 132
 OMPHRINI 132
Omus 103
 ONCERINI 42, 253
Oncerus 253
Onchocephala 517
Oncideres 497
 ONCIDERINI 76, 497
 ONCIDERITAE 497
 ONCIDEROPSIDINI 76, 497
Oncideropsis 497
 ONCOCEPHALINI 78, 517
 ONCOCEPHALITES 517
Oncocephalus 517
Oncomena 436, 892
 ONCOMERADAE 436
ONCOMERINA 436
 ONCOMERININI 436
Oncosoma 418
 ONCOSOMINA 67, 418
 ONCOTINI 422
Oncotus 422
Oncyderes 497
 ONITICELLINA 41, 244
 ONITICELLINI 41, 244, 875
Oniticeilus 244
 ONITIDAE 244
 ONITIDES 244
 ONITINI 41, 244
Onitis 244
Onocephala 498
 ONOCEPHALINI 76, 498
 ONOCEPHALITAE 498
 ONTHOPHAGIDAE 244
 ONTHOPHAGINI 41, 244
Onthophagus 244
 ONTHOPHILIDAE 160
 ONTHOPHILINAE 28, 160
Onthophilus 160
 ONYCHIIDAE 597
 ONYCHIINI 89, 597
Onychius 597
 ONYCHOCERITAE 488
Onychocerus 488
Onychoglenca 498
 ONYCHOGLENEINI 76, 498
 ONYCHOLIPIDES 597
 ONYCHOLIPINI 89, 597
Onycholips 597
Onychosis 412
 ONYCHOSITES 412
 OCHROTINI 428
Oochrotus 428
 OOCYCLINI 156
Oocyclus 156
Oodes 138
 OODINI 25, 138, 139
 OODITES 138
 OOPHORIDAE 309
 OOPHORINAE 307, 872
 OOPHORINI 51, 309
Oophorus 309
 OOPTERINI 116
Oopterus 116
 OOSOMIDES 612
 OOSOMINAE 612
 OOSOMINI 90, 612
Oosomus 612
 OPANASSENKOVIINA 556
Opanassenkovius 556
 OPATRIDAE 419
 OPATRINA 67, 419
 OPATRINI 67, 419, 420, 864
 OPATRITES 419
Opatrum 419
Ophioglossa 195
 OPHIOGLOSSAE 195
 OPHONIDAE 129
Ophonus 129, 889
Ophryastes 612
 OPHRYASTIDES 612
 OPHRYASTINI 90, 612
 OPHTALMORRHYNCHINI 90, 612
Ophthalmorrhynchus 612
 OPHTALMORYNCHINI 612
Opilo 347
 OPILONIDAE 347
 OPISTHIINAE 103
 OPISTHIINI 20, 103
Opisthius 103
Oplocephala 430
Oplosia 487
 OPLOSTOMINA 44, 265
Oplostomus 265
 OPRESINI 215
Opresus 215
 OPSIMI 477
 OPSIMINI 74, 477
Opsimus 477
 OPTATIDES 590
 OPTATINI 87, 590
Optatus 590
Orchesia 388
 ORCHESIENS 388
 ORCHESIINA 388
 ORCHESINI 63, 388
Orchestes 583
 ORCHESTIDES 583
Orchymontia 162
 ORCHYMONTIINAE 28, 162
 ORCHYMONTINAE 162
 ORECTOCHILINI 20, 100
Orectochilus 100
OREINA 521
 OREININI 521, 880
Oreinus 521
Oreodera 486
 OREODERINI 486
 OREODERITAE 486
Orfilaia 563
 ORIOTINI 171
Oriotus 171
 ORITOCATOPINI 30, 173
Oritocatops 173
Ormiscus 549
 ORNITHOGNATHINAE 530
 ORNITHOGNATHITES 530
Ornithognathus 530
 OROBITIDINAE 92, 631

- OROBITINA 631
Orobittis 631
Orodotes 306
 ORODOTINI 51, 306
 OROPHIINA 386
 OROPHIINI 63, 386
Orophius 386
Oropygia 179
 OROPYGIINA 179
Orphanobrentus 565
 ORPHILI 334
 ORPHILINAE 55, 334
Orphilus 334
 ORPHNIDAE 246
 ORPHNINAE 41, 246
 ORPHNINI 41, 246
Orphnus 246
Orropygia 179
 ORSODACHNIDAE 504
Orsodacne 504, 892
 ORSODACNIDAE 77, 504, 888, 892
 ORSODACNINAE 77, 504
Ortalia 380
 ORTALIAE 380
 ORTALIENS 380
 ORTALINI 62, 380
 ORTHOCAETINA 585
 ORTHOCERINAE 393
 ORTHOCERINI 64, 393, 888
 ORTHOCÉRITES 393
Orthocerus 393, 440, 893
Orthochaetes 585
 ORTHOCHAETINI 585
 ORTHOGNATHIDES 571
 ORTHOGNATHINAE 85, 571
 ORTHOGNATHINI 85, 571
Orthognathus 571
 ORTHOGONIDEN 139
 ORTHOGONIINAE 139
 ORTHOGONIINI 25, 139
 ORTHOGONINI 139
Orthogonius 139
Orthomegas 456
 ORTHOMEGITAE 456
 ORTHOPERIDAE 382
 ORTHOPERINI 62, 382
 ORTHOPÉRITES 382
Orthoperus 382
Orthopleura 348
 ORTHOPLEURINAE 348
 ORTHORHINIDES 630
 ORTHORHININA 92, 630
Orthorhinus 630
Orthosoma 460
 ORTHOSOMITAE 460
Orvoenia 367
 ORVOENINI 367
Orychodes 562
 ORYCHODI 562
- Oryctes* 261
 ORYCTÉSAIRES 261
 ORYCTESIAE 261
 ORYCTINI 43, 261
 ORYCTODERINI 43, 261
Oryctoderus 261
 ORYCTOMORPHIDAE 259
 ORYCTOMORPHINA 43, 259
Oryctomorphus 259
Oryotus 171, 172
 ORYSSOMINI 62, 380
Oryssomus 380
Osmoderma 271, 892
 OSMODERMATINA 44, 271
 OSMODERMINI 271
 OSORIINA 36, 210
 OSORIINAE 36, 210
 OSORIINI 36, 210
 OSORINI 210
Osiarius 210
 OSPHIES 389
Osphyia 389
 OSPHYENS 389
 OSPHYINAE 63, 389, 873
 OSPHYINI 389
 OSPHYPLESIINI 444
Osphyoplesius 444
Ostoma 344
 OSTOMINI 344
 OSTOMOPSINAE 60, 370
 OSTOMOPSINI 370
Ostomopsis 370
 OTHIIDES 222
 OTHIINI 38, 222
Othippia 594
 OTHIPIINI 88, 594
Othius 222, 893
 OTHNIIDAE 445
 OTHNIINAE 69, 445
Othnius 445
 OTIDOCÉPHALIDES 582
 OTIDOCEPHALINAE 582
 OTIDOCEPHALINI 86, 582
Otidocephalus 582
 OTIORHYNCHIDES 613
 OTIORHYNCHINAE 613, 887
 OTIORHYNCHINI 90, 570, 612
Otiiorhynchus 612, 613, 890, 894
Ototreia 332
 OTOTRETADRIILINAE 54, 332
Ototretadriilus 332
 OTOTRETINAE 54, 332
Ottistira 613
 OTTISTIRINI 90, 613
Ottokelleria 256
Ovoisoma 520
 OVOSOMAE 520
 OVOSOMES 520
 OXACINI 435
- Oxaxis* 435
 OXEOSTOMATIDAE 567
Oxeostomum 567
Oxura 410
 OXURINA 66, 410
Oxycheila 105
 OXYCHEILITES 105
 OXYCHILINI 105
Oxychilus 105
 OXYCOLEINI 74, 477
Oxycoleus 477
 OXYCORYNIDES 551, 552, 553
 OXYCORYNINA 82, 553
 OXYCORYNINAE 81, 551
 OXYCORYNINI 82, 552
OXYCORYNOIDES 543
 OXYCORYNOIDINAE 542, 543
 OXYCORYNOIDINI 80, 543
Oxycorynus 551, 552, 553
 OXYCRASPEDINA 82, 553
Oxycraspedus 553
Oxygona 524
 OXYGONINAE 524
 OXYGONITES 524
 OXYLOBIDES 110
 OXYLOBINA 21, 110
Oxylobus 110
 OXYMIRINI 72, 463
Oxymirus 463
 OXYNOPTÉRIDES 312
 OXYNOPTERINAE 51, 312, 853
 OXYNOPTERINI 312
Oxynopterus 312
Oxyonyx 591
 OXYONYXINA 591
 OXYOPHTHALMINA 606
Oxyophthalmus 606
Oxyopisthen 573
 OXYOPISTHINAE 573
 OXYPELTIDAE 71, 452
 OXYPELTIDES 452
 OXYPELTINAE 451
 OXYPELTINI 452
Oxypeltus 452
Oxypoda 203, 204, 893
 OXYPODIDES 203, 204, 888
 OXYPODINA 35, 204
 OXYPODINI 35, 203
 OXYPODININI 35, 205
Oxypodinus 205
 OXYPORIDAE 213
 OXYPORINAE 36, 213, 225
Oxyporus 213
 OXYRHYNCHIDES 571
 OXYRHYNCHINAE 571
Oxyrhynchus 571
Oxystoma 568
 OXYSTOMATINA 84, 568
 OXYSTOMATINI 568

- OXYSTOMIDES 108
 OXYSTOMINA 109
Oxystomus 108, 109
 OXYTELIDAE 211, 212
 OXYTELINAE 36, 211
 OXYTELINI 36, 192, 212
Oxytelus 211, 212
Ozaena 118
 OZAENIDAE 118
 OZAENINI 23, 118
Ozodercerus 565
 OZODOCERINI 565
 OZOGNATHINI 339
Ozognothus 339
 OZOTOMERINI 81, 547
Ozotomerus 547
 PACHNAEI 616
Pachnaeus 616
 PACHNEPHORINI 420
Pachnoda 263
 PACHNODI 263
 PACHOLÉNIDES 629
 PACHOLENINI 92, 629
Pacholenus 629
 PACHYBRACHI 533
 PACHYBRACHIDEN 533
 PACHYBRACHINA 79, 533
 PACHYBRACHINI 533
Pachybrachis 533
 PACHYBRACHITES 533
 PACHYCARINA 129
Pachycarus 129
Pachycera 411
 PACHYCERINA 411
Pachycyema 8, 250
 PACHYCNEMIDAE 250
 PACHYCNÉMIDES 250
 PACHYCNEMINA 8, 41, 250
Pachydema 255
 PACHYDEMIDAE 255
 PACHYDEMINI 255
Pachyderes 310
 PACHYDERINAE 310
Pachydesus 115
 PACHYDRINI 152
Pachydrus 152
Pachygyastrodes 189
 PACHYGASTRODINI 33, 189
Pachyglassa 205
 PACHYGLOSSINI 205
 PACHYLIDES 256
 PACHYLINAE 256
Pachylus 256
 PACHYMERINA 77, 508
 PACHYMERINAE 508
 PACHYMERINI 77, 508
Pachymerus 508
Pachyochthes 369
 PACHYOCHTHESINAE 369
Pachypeza 488
 PACHYPÉZIDES 488
 PACHYPEZINI 488
 PACHYPLACINI 61, 371
Pachyplacus 371
 PACHYPLECTRINAE 40, 237
Pachyplectrus 237
 PACHYPODA 253
 PACHYPODEN 253
 PACHYPODINI 42, 253
 PACHYPTÉRATES 420, 421
 PACHYPTERINI 420, 421
Pachypterus 420, 421
Pachypus 2, 18, 253, 858, 859, 860
 PACHYRHINADORETINA 42, 256
Pachyrhinadoretus 256
 PACHYRHINCHIDAE 570
Pachyrhinus 614
 PACHYRHYNCHIDES 613
 PACHYRHYNCHINI 90, 613, 887
Pachyrhynchus 570, 613, 890
 PACHYSCELINA 48, 290
 PACHYSCELINAE 290
Pachyschelus 290
Pachysoma 245
 PACHYSOMIDES 245
Pachystola 495
 PACHYSTOLAEIDAE 495
Pachyta 463
Pachyteles 119
 PACHYTELINI 119
 PACHYTES 463
 PACHYTINI 463
 PACHYTRACHELI 131
 PACHYTRACHELINI 131
Pachytrachelus 131
Pachytricha 253
 PACHYTRICHIADAE 253
 PACHYTRICHINI 42, 253
Pachyura 551
 PACHYURINI 81, 551
Pactola 581
 PACTOLINA 581
 PAEDERINA 37, 220
 PAEDERINAE 37, 218
 PAEDERINI 37, 218
Paederus 218, 220
 PAELOBIIDAE 149
Paelobius 149
Pagla 205
 PAGLINI 35, 205
Pagria 538
 PAGRIITAE 538
 PAGRIITES 538
 PAGURODACTYLINAE 353
 PAGURODACTYLINI 58, 353
Pagurodactylus 353
 PAIPALESOMINI 92, 629
Paipalesomus 629
Palaeobius 603
 PALAECHTINI 603
Palaeobius 603
 PALAEOAXINIDINI 21, 109
 PALAEOAXINIDINI 109
Palaeoaxinidium 109
 PALAEOGYRINIDAE 153
 PALAEOGYRININAE 27, 153
Palaeogyrinus 153
 PALAEOXENINAE 50, 300
Palaeoxenus 300
Palaestra 442
 PALAESTRINA 442
 PALEOCARTINAE 80, 543
 PALEOCARTINI 80, 543, 544
Paleocartus 543, 544
 PALUCHNIDAE 45, 272
Pallichnus 272
 PALOPHAGINAE 77, 504
Palophagus 504
 PALORINAE 421
 PALORINI 67, 421
Palorus 421
 PAMBORIDAE 106
 PAMBORINI 21, 106
Pamborus 106
 PANAGAEINAE 139
 PANAGAEINA 25, 139
 PANAGAEINAE 122
 PANAGAEINI 25, 139
Panagaeus 139
 PANAPHANTINA 32, 183
Panaphantus 183
 PANDARIDAE 421
 PANDARITES 421
Pandarus 421
 PANDELETEINI 616
Pandeteleus 616
 PANELINI 243
Panelus 243
Pangaura 307
 PANGAURADAE 307
 PANGETEIDAE 145
Pangetes 145
 PANISCIDAE 271
Paniscus 2, 17, 271
Pantolia 269
 PANTOLIENS 269
 PANTOLIINA 44, 269
 PANTOMORINA 611
Pantomorus 611
 PANTOPÉIDES 618
 PANTOPEINARUM 618
 PANTOPOEINI 617
Pantopoeus 618
Pantoteles 590
 PANTOTÉLIDES 590
 PANTOTELINA 88, 590
 PANTOTELINAE 590

- PANTOTELINI 87, 590
Penus 622
 PARACATOPINA 30, 170
 PARACATOPINI 170
Paracatops 170
Parachilia 269
 PARACHILINA 44, 269
 PARACUCUJINAE 58, 354
Paracucujus 354
Paradoxenus 205
 PARADOXENUSINI 35, 205
 PARAHELOPINAE 396
Parahelops 396
 PARAHOLOPTERINI 74, 477
Paraholopterus 477
Parahygrobia 147
 PARAHYGRIBIDAE 26, 147
 PARALEPTIDEA 480
Paraleptodema 282
 PARALEPTODEMINA 46, 282
 PARALEPTODEMINI 46, 282
 PARALISPINI 211
Paralispinus 211
 PARALUCANINAE 39, 235
Paralucanus 235
 PARALYCINAE 322
Paralytus 322
 PARAMECOLABINA 82, 555
Paramecolabus 555
Paramecosoma 360
 PARAMECOSOMINA 360
Paramellon 405
 PARAMELLONINA 65, 405
 PARAMELLONINAE 405
Parandra 454
 PARANDRAE 454
 PARANDRAEIDAE 454
 PARANDREXIDAE 58, 353
Parandrexia 353
 PARANDRIDES 454
 PARANDRINAE 71, 454
 PARANDRINI 71, 454
 PARAPTOCHI 613
Paraptochus 613
Parastasia 259
 PARASTASIIDAE 259
 PARASTASINA 43, 259
 PARASTHETOPINAE 162
 PARASTHETOPINI 29, 162
Parasthetops 162
Parasynaptopsis 556
 PARASYNAPTOPSISINA 556
Paratassa 282
 PARATASSINI 46, 282
Parathyrea 290
 PARATHYREINAE 48, 290
 PARATINI 353
 PARATININI 353
Paratinus 353
 PARATOMAPODERINA 83, 557
Paratomapoderus 557
 PARATRACHEINI 46, 278
Paratrachys 278
 PARATRACHYSAE 278
 PARAULETANINA 560
Parauletanus 560
 PARECATINI 402
Parecatus 402
Parhydraena 163
 PARHYDRAENINI 29, 163
Paristemia 484
 PARISTEMIIDES 484
 PARISTEMIINI 484
Parmena 498
 PARMÉNAIRES 498
 PARMENINI 76, 498
 PARMENTIAE 498
 PARMULINI 62, 382, 383
Parmulus 383
 PARNIDAE 294, 872
 PARNIDEA 294
Parnius 294
 PAROMALINAE 159
 PAROMALINI 28, 160
Paromalus 160
 PAROPSINA 520
 PAROPSINAE 520
 PAROPSINES 520
Paropsis 520
 PAROSORII 210
 PAROSORIINA 36, 210
Parosorius 210
 PASIMACHIDES 109
 PASIMACHINA 109
 PASIMACHINI 21, 109
Pasimachus 109
 PASSALIDA 228, 230
 PASSALIDAE 39, 228, 637
 PASSALIDIINA 111
Passalidius 111
 PASSALINAE 39, 228
 PASSALINI 39, 230
Passalus 228, 230
Passandra 363
Passandrella 364
 PASSANDRELLINI 364
 PASSANDRIDAE 59, 363, 840
 PASSANDRINI 363
 PASSANDRITES 363
Patrizia 146
 PATRIZIINA 25, 146
 PATRIZIINI 146
 PATROBIDAE 116, 117
 PATROBINA 22, 117
 PATROBINAE 22, 116
 PATROBINI 22, 116
Patrobus 116, 117
 PAUSSILI 118, 119, 120
 PAUSSINA 23, 120
 PAUSSINAE 22, 118, 837
 PAUSSINI 23, 119
 PAUSSOBRENTHINI 563
Pausobrenthus 563
Pausus 118, 119, 120
 PAXILLINAE 230
Paxillus 230
Pectocera 313
 PECTOCERINI 313
Pediacus 2, 18, 363, 839, 840, 841
Pediculota 206
 PEDICULOTINI 35, 206
 PEDILIDAE 445
 PÉDILIDES 445
 PEDILINAE 69, 445
 PEDILOPHORINI 48, 291
Pedilophorus 291
Pedilus 445
 PEDINIDAE 423
 PEDINIDEN 421, 423
 PEDININA 67, 423
 PEDININI 67, 421, 423, 864
Pedinus 421, 423
 PEGYLINA 42, 252
 PEGYLINI 252
Pegylis 252
 PÉLÉCIDES 139
 PELECHINA 25, 139
 PELECIINI 25, 139, 140
Pelecium 139
Pelecophora 350
 PELECOPHORINI 350
Pelecopselaphus 282
Pelecotoma 391
 PELECOTOMINAE 63, 391
 PELECOTOMINI 391
 PELEROPINI 595
Pelidnota 259, 892
 PELIDNOTIDAE 259
Peliocypar 134
 PELIOCYPINI 134
 PELMATELLINA 24, 130
 PELMATELLINAE 130
Pelmatellus 130
 PELOBINAE 149, 873
Pelobius 149
Peloni 349
 PELONINAE 349
Pelonium 349
 PELONOMINAE 294
Pelonomus 294
Pelophila 103
 PELOPHILINI 20, 103
 PELOPIDES 229
 PELOPINAE 229
 PELORHINIDAE 601
 PELORHIRHINI 601
 PELOROPODINI 88, 595

- Peloropus* 595
 PÉLORORHINIDES 601
 PELORORHININI 601
Pelrorrhinus 601
Pelastica 332
 PELTASTICIDAE 332
 PELTASTICINAE 55, 332
 PELTIDES 343
 PELTINAE 56, 343
 PELTINI 57, 343
 PELTININI 383
Peltinodes 383
 PELTINODINI 62, 383
 PELTINODITAE 383
Peltinus 383
Peltis 343, 893
Peltodytes 146
 PELTODYTINAE 146
 PELTONOTINI 260
Peltonotus 260
Peneta 400
 PÉNÉTIDES 400
 PENETINA 400
 PENETINI 64, 400
Penia 314
 PENICHROLUCANINAE 233
Penicbrolocanus 233
 PENICILLOPHORINAE 53, 326
 PENICILLOPHORINI 326
Penicillophorus 326
 PENIINI 314
Pentagonica 140
 PENTAGONICINAE 140
 PENTAGONICINI 25, 140
 PENTAPHYLLAIRES 429
 PENTAPHYLLI 429
 PENTAPHYLLINAE 429, 886
 PENTAPHYLLINI 429, 886
Pentaphyllum 429
Pentaphyllus 429
 PENTAPLATARTHIRINA 23, 120
 PENTAPLATARTHIRINEN 120
 PENTAPLATARTHIRINI 121
Pentaplatarthrus 120, 121
Pentaria 451
 PENTARIINI 70, 451
 PENTARTHIDES 597
 PENTARTHIRINI 89, 597
Pentarthrum 597
Penthe 387
 PENTHICAIRIES 420
 PENTHICINI 420
Penthicus 420
 PENTHIDES 387
 PENTHINAE 63, 387
 PENTHINI 387
Pentilia 378
 PENTILIAIRES 378
 PENTILIINI 378
- Pentodon* 8, 261, 892
 PENTODONAIRES 261
 PENTODONTINA 43, 261
 PENTODONTINAE 261
 PENTODONTINI 8, 43, 261
Penalampes 308
Peribleptus 629
 PERICALINA 24, 135
 PERICALIDAE 135
Pericalus 135
 PÉRIDINÉTIDES 590
 PERIDINETINAE 590
 PERIDINETINI 88, 590
Peridinetus 590
Perieges 575
 PERIEGINI 575
 PERIGLOSSINAE 136
Periglossium 136
Perigona 140, 837
 PERIGONAE 140
 PERIGONINI 2, 17, 25, 140, 836, 837, 870
 PERILEPTI 115
 PERILEPTIDES 115
 PERILEPTINA 22, 115
Perileptus 115
 PERIMYLOPIDAE 396
Perimylops 396
 PERINTHI 208
 PERINTHINA 36, 208
Perinthus 208
 PERIOMATINI 639
Periomatus 639
Periommatus 639
 PERIPTYCTINAE 62, 382
Periptyctus 382
 PERITELI 613
 PÉRITÉLIDES 613
 PERITELINI 90, 613
Peritelus 613
 PERMOCUPEDIDAE 18, 94
 PERMOCUPEDOIDEA 18, 94
Permocupes 94
 PERMOCUPIDAE 94
Permosyne 94, 95
 PERMOSYNIDAE 18, 94, 95
 PERMOSYNOIDEA 18, 94
 PEROCHNORISTHINAE 132
Perochnoristhus 132
 PÉROTHOPIDES 300
 PEROTHOPINAE 50, 300
 PEROTHOPINI 300
Perothops 300
Perperus 618
Perrhynchites 560
 PERRHYNCHITINA 83, 560
 PERROTIINI 50, 304
 PERROTINI 304
Perrotius 304
- PERTINACEAE 230
Pertinax 230
Perucola 278
 PERUCOLINI 46, 278
 PERYPHIDAE 114
Peryphus 114
Petalia 341
 PETALINI 341
Petalium 341
 PÉTALOCHELIDES 629
 PETALOCHELINAE 629
 PETALOCHELINI 92, 629
Petalochilus 629
 PETANOPINI 189
Petanops 189
 PETREJINAE 230
Petrejus 230
Petria 428
 PETRIIDAE 428
Petrognothia 498
 PETROGNATHINAE 498
 PETROGNATHINI 76, 498
 PÉTROGNATHITES 498
 PHACELLIDES 498
 PHACELLINAE 498
 PHACELLINI 76, 498
Phacellus 498
 PHAEDIMI 267
 PHAEDIMINI 44, 267
Phaedimus 267
Phaedon 521
 PHAEDONINI 521
Phaenithon 545
 PHAENITHONINI 545
 PHAENOCEPHALIDAE 364, 371
 PHAENOCEPHALINAE 59, 364
Phaenoccephalus 364
 PHAENOCERINI 50, 304, 305
Phaenocerus 304, 305
Phaenognatha 247
 PHAENOGNATHINI 41, 247
Phaenomer 246, 593
 PHAENOMERIDIDAE 246, 882
 PHAENOMERIDINAE 41, 246
 PHAENOMERINA 88, 593, 882, 885, 887
 PHAENOMERINI 246, 882, 885
Phaenomeris 246, 593, 892
Phaenomerus 593, 890
 PHALACRIDAE 59, 364, 371
 PHALACRINAE 59, 364
 PHALACRURIDA 364
Phalacrus 364
Phalangogonia 258
 PHALANGOGONINA 43, 258
 PHALEPSINI 33, 189
Phalepus 189
Phaleria 431, 893
 PHALERIADAE 431

- PHALÉRIIDES 431
 PHALERIINI 68, 431, 864
Phalidura 601
Phalota 477
 PHALOTIDES 477
 PHALOTINI 74, 477
 PHANAEIDAE 245
 PHANAEINI 41, 245
Phanaeus 245
Phanerotoma 410
Phanerotomea 410
 PHANEROTOMEINA 66, 410
 PHANEROTOMINA 410
 PHANEROTOMINI 410
 PHANEROTOMOIDE 410
 PHANTASIDES 499
 PHANTASINAE 499
 PHANTASINI 76, 499
Phantasia 499
Pharangispa 513
 PHARANGISPINI 513
Pharaxonotha 356
 PHARAXONOTHINAE 58, 356
 PHARINAE 381
 PHARINI 381
 PHAROCHILINAE 229
Pharochilus 229
Pharoscyrmus 381
Pharus 381
 PHELLOPSINI 64, 395
Phelopsis 395
Phengodes 326
 PHENGODIDAE 53, 326
 PHENGODINAE 53, 326
 PHENGODINI 326
 PHEROPSOPHINA 23, 121
 PHEROPSOPHINI 121
Pheropsophus 121
Phialodes 555
 PHIALODINA 82, 555
 PHIRALIDAE 428
Phibalus 2, 17, 428
 PHILACAMATINI 197
Philacamatius 197
Philanthaxia 286
 PHILANTHAXIINA 47, 286
 PHILEURIDAE 262
 PHILEURINA 43, 262
 PHILEURINI 43, 262
Phileurus 262
 PHILHYDRATES 155
 PHILHYDRIDA 155
Philhydrus 155
 PHILINAE 71, 451, 452
 PHILITAE 452
Philochlaenia 251
 PHILOCHLÉNIDES 251
Philochloenia 251
 PHILONTHIDAE 223
- PHILONTHINA 38, 223
 PHILONTHINI 222
Philonthus 223
 PHILOPEDINI 605
Philopodon 605
 PHILOTERMES 8, 206
 PHILOTERMITINI 8, 35, 206
Philus 452
Philydrus 155
Phlegon 301
 PHLEGONINAE 50, 301
 PHLÉOBIENS 177
 PHLOEOBIINAE 178
Phlocobium 177, 178
 PHLOEOBORI 634
Phloeoborus 634
 PHLOEOCHARINA 190
 PHLOEOCHARINAE 33, 190
 PHLOEOCHARINI 190
Phloeocharis 190
 PHLOEONOMINI 1, 17, 177
Phloeonomus 177
 PHLOEOPHAGINA 89, 598
Phloeophagus 598
 PHLOEOPHILIDES 546, 547
 PHLOEOPHILINI 343, 547
Phloeophilus 343, 546, 547
Phloeopora 205
 PHLOEOPORIDES 205
 PHLOEOPORINA 204
 PHLOEOPORINI 203, 205
 PHLOEOSINIDES 635
 PHLOEOSININI 93, 635
Phloeosinus 635, 890
 PHLOEOSTICHIDAE 59, 362, 840
 PHLOEOSTICHINI 362
Phloeostichus 362
 PHLOEOTRAGIDES 548
 PHLOEOTRAGINAE 548
Phloeotragus 548
 PHLOEOTRIBIDAE 636
 PHLOEOTRIBINI 93, 636
Phloeotribus 636, 890
Phloeotruper 634
 PHLOEOTRUPIDAE 634
 PHLOEOTRUPIDES 634
 PHLOIOPHILIDAE 56, 343
Phloiophilus 343
Phlyctaenodes 477
 PHLYCTAENODINI 74, 477
 PHLYCTÉNODIDES 477
 PHOBÉLIIDES 398
 PHOBELIINA 398
 PHOBELIINI 398
Phobelius 398
 PHOBERIDAE 231
Phoberus 231
Phodaga 439
 PHODAGAE 439
- PHODAGINI 439
Phoenicobates 629
 PHOENICOBATINA 629
 PHOENICOBATINI 92, 629
 PHOLEUINA 30, 172
Pholeuon 172
 PHOLEUONES 172
 PHOLIDIENS 212
 PHOLIDINI 212
 PHOLIDOCHLAMYDINAE 564
 PHOLIDOCHLAMYDINI 84, 564
Pholidochlamys 564
 PHOLIDOCHLAMYDINAE 564
 PHOLIDOTINI 234, 235
Pholidotus 234
Pholidus 212
Phoracantha 477
 PHORACANTHIDAE 477
 PHORACANTHINI 74, 477
 PHORONAE 230
Phoroncus 230
 PHOSPHAENAIRES 328
 PHOSPHAENIDES 328
 PHOSPHAENINI 328
Phosphaenus 328
 PHOTINA 328
 PHOTINI 328
 PHOTININA 54, 328
 PHOTININAE 328, 883, 895
Photinus 328
 PHOTURIDES 329
 PHOTURINAE 54, 329
 PHOTURINI 329
Photuris 329
 PHIRATHORINES 520
Phiratora 520, 521
 PHIRATORINA 520
 PHIRATORINAE 520
Phreatodytes 148
 PHREATODYTIDAE 148
 PHREATODYTINAE 26, 148
Phrenapates 400
 PHRENAPATINAE 64, 400
 PHRENAPATINI 65, 400, 864
 PHIRENAPATOIDAE 400
Phrepates 400
 PHRÉPATIDES 400
Phrisoma 495
 PHRISSOMITAE 495
Phrixia 286
 PHRIXINI 47, 286
Phrixosoma 636
 PHRIXOSOMATINI 93, 636
 PHRIXOSOMINI 636
 PHRYDIUCHINA 591
Phrydiuchus 591
 PHRYGANOPHILES 388
Phryganophilus 388
Phrymetia 499

- PHRYNETINI 76, 499
 PHRYNETITAE 499
 PHRYNIXINAE 629
 PHRYNIXINI 92, 629
Phrynixus 629
 PHRYNOCARENINAE 408
 PHRYNOCARENINI 66, 408
Phrynocarenum 408
 PHRYNOCOLOIDEN 410
Phrynocolus 410
 PHRYSSOMITAE 495
 PHTEGNOMINA 32, 184
 PHTEGNOMINI 184
Phtegnomus 184
Phthora 400
 PHTHORINI 400
 PHTHOROPHLOEIDES 636
Phthorophloeus 636
Phthora 400, 431
 PHYCOCHI 240
 PHYCOCHINI 240
Phycochus 240
 PHYCOCINA 40, 240
 PHYCOCOETES 625
 PHYCOCOETES 625
 PHYCOCOETINI 625
Phycocus 240
 PHYCOSECIDAE 57, 349, 839
Phycosecis 349, 839
Phygasia 526
 PHYGASIINI 526
 PHYLCIDES 422
 PHYLCINA 422
Phylan 421
Phylax 422
 PHYLLARTHRIINI 74, 478
Phyllarthrius 478
 PHYLLASTOLIDAE 617
Phyllastolus 617
Phyllecthris 530
 PHYLLECTHRITES 530
 PHYLOBAENIDES 348
Phyllobaenus 346, 347
 PHYLOBENIDES 347
 PHYLOBÉNIDES 347
 PHYLOBIDES 614
 PHYLOBIINI 90, 614, 887
Phyllobius 614, 890
Phyllobrotica 529
 PHYLOBROTICINI 529
 PHYLOBROTICITES 529
 PHYLOCERIDAE 300
 PHYLOCERINAE 50, 300
 PHYLOCERINI 50, 300
Phyllocerus 300
 PHYLOCHARINI 521
Phyllocharis 521
 PHYLOCHARITES 521
Phyllolecta 521
 PHYLLODECTAE 521
Phyllodinarda 206
 PHYLLODINARDINI 35, 206
Phyllomanes 614
 PHYLLOMANISIDAE 614
 PHYLLONOMEIDAE 621
Phyllonomeus 621
 PHYLOPHORIDAE 311
Phyllophorus 311
 PHYLOPLATYPODINI 597
Phylloplatypus 597
 PHYLOTOCIDAE 253
 PHYLOTOCIDIINI 42, 253
Phyllotacidium 253
 PHYLOTOCINA 42, 253
Phyllotocus 253
 PHYLOTROGINA 86, 578
Phyllotrox 578
Phyllurga 257
 PHYLLURGAEIDAE 257
Phymaphora 372
 PHYMAPHORINA 372
Phymasterna 499
 PHYMASTERNINI 76, 499
 PHYMATODATES 468
Phymatodes 468, 889
 PHYMATOLABINA 82, 555
Phymatolabus 555
 PHYMATOPSININA 82, 555
Phymatopsinus 555
Physca 119
 PHYSEITAE 119
 PHYSOCROTAPHIDES 140
 PHYSOCROTAPHINAE 140
 PHYSOCROTAPHINI 25, 140
Physocrotaphus 140
 PHYSODACTYLIDES 319
 PHYSODACTYLINAE 52, 319
 PHYSODACTYLINI 319
Physodactylus 319
Physodera 135
 PHYSODÉRIDES 135
 PHYSODERINA 135
 PHYSODERINAE 135
Physogaster 408
 PHYSOGASTERIDAE 408
 PHYSOGASTERÍDES 408
 PHYSOGASTERINI 66, 408
 PHYSOGNATHINAE 217
 PHYSOGNATHITES 217
Physognathus 217
Physonota 516
 PHYSONOTTAE 516
Physoplectus 185
 PHYSORHINI 318
 PHYSORHININAE 318, 852
 PHYSORHININI 52, 318
 PHYSORHINITES 318
Physorhinus 318
 PHYTOBAENINI 70, 450
Phytobaenus 450
 PHYTOBIDAE 592
 PHYTOBIINAE 590
 PHYTOBIINI 88, 592
Phytobius 592, 890
Phytodecta 521
 PHYTODECTINI 521
Phytoecia 499
 PHYTOECIAIRES 499
 PHYTOECINAE 499
 PHYTOECIINI 76, 499
 PHYTONOMIDAE 619
 PHYTONOMINAE 619, 871
 PHYTONOMINI 619
Phytonomus 619
 PHYTOSCAPI 606
 PHYTOSCAPHIDES 606
 PHYTOSCAPHINA 90, 606
 PHYTOSCAPHINI 605
Phytoscapus 606
 PHYTOSIDES 206
 PHYTOSINI 35, 206
Phytosius 206
Phytotera 290
 PHYTOTERADAE 290
 PHYXELES 618
Phyxelis 618
Piazomias 616
 PIAZOMIINA 91, 616
 PIAZOMIINI 616
 PIAZORHINIDAE 583
 PIAZORHINIDES 583
 PIAZORHININI 86, 583
Piazorhinus 583
 PIAZURIDES 595
 PIAZURINI 88, 595
 PIAZURINORUM 595
Piazurus 595
 PICROTINI 59, 360
Picrotus 360
 PIESARTHINI 478
 PIESARTHRIINI 74, 478
 PIESARTHRIINI 478
Piesarthrius 478
 PIESOCORYNINI 81, 547
Piesocorynus 547
 PIESTINAE 36, 210
 PIESTINI 210
Piestus 210
Piezocera 478
 PIÉZOCÉRIDES 478
 PIEZOCERINA 74, 478
 PIEZOCERINI 74, 478
 PIEZOPHYLLINI 311
Piezophyllus 311
 PIEZOTRACHELINA 84, 568
 PIEZOTRACHELINI 568
Piezotrachelus 568

- PILINURGINA 44, 265
Pilinurgus 265
 PILIPALPINA 69, 445
 PILIPALPINI 445
Pilipalpus 445
 PILOLABINI 82, 556
Pilolabus 556
Pimelcerodius 581
Pimelia 400, 409
 PIMELIARIAE 400, 409
 PIMELIIDAE 397
 PIMELIINAE 65, 400, 404, 865
 PIMELIINI 66, 409
 PIMELOPODEA 262
Pimelopus 262
Pimidia 409
 PIMIDIINA 409
Pinodytes 168
 PINODYTINAE 168, 873
 PINODYTINI 168
 PINOPHILINA 37, 221
 PINOPHILINI 37, 221
 PINOPHILINIFORMES 221
Pinophilus 221
 PINOTINAE 242
Pinotus 242
Piochardia 192
 PIOCHARDIAE 192
 PISEINAE 63, 387
 PISEININI 387
Pisenus 387
Pissodes 629, 630
 PISSODINA 92, 630
 PISSODINI 92, 629
 PISSODISIDAE 629, 630
Pithocles 460
 PITHOCLITAE 460
 PITVOBIINAE 51, 312
 PITVOBINI 312
Pityobius 312
Pityogenes 635
 PITYOGENINA 635
 PITYOPHAGINI 367
Pityophagus 367
 PITYOPHTHORIDAE 632
 PITYOPHTHORINA 93, 632
Pityophthorus 632
Placonycha 296
 PLACONYCHINAE 296, 874
 PLACONYCHINI 296
Placusia 206
 PLACUSAE 206
 PLACUSATES 206
 PLACUSINI 35, 206
 PLAGIARTHIRINA 193
 PLAGIARTHIRINI 193
 PLAGIOGONATES 239
Plagiogonus 239
Plagiophorus 186
Planetes 127
 PLANETINA 24, 127
 PLANETINI 127
 PLANEUSTOMINI 36, 213
 PLANEUSTOMITES 213
Planeustomus 213
 PLASTOCERI 320
 PLASTOCERIDAE 52, 307, 320, 884
 PLASTOCERINI 307, 884
Plastocerus 307, 320
Platambus 149
Platamodes 411
 PLATAMODINA 411
Platandria 200
 PLATANDRIINA 34, 200
 PLATERODINAE 325
 PLATERODINI 53, 325
 PLATERODRILINI 53, 322
Platerodrilus 322
Plateros 325
 PLATEUMARINI 78, 509
Plateumaris 509
 PLATIDIOLINA 22, 117
 PLATIDIOLINI 117
Platidiolus 117
Platyarcha 368
 PLATYARCHINI 60, 368
 PLATYARTHIRINAE 479
 PLATYARTHIRINI 74, 478
Platyarthron 478, 479
Platyauchenia 510
 PLATYAUCHENIITAE 510
Platycephala 552
 PLATYCEPHALIDAE 552
 PLATYCEPHALITAE 552
Platycephalus 552
 PLATYCÉRAIRES 235
 PLATYCERIDAE 235
 PLATYCERINI 39, 235
 PLATYCEROIDES 235
 PLATYCEROIDINI 39, 235
Platycerus 235, 891
Platychole 105
 PLATYCHILIDAE 105
 PLATYCHOLEI 173
 PLATYCHOLEINA 30, 173
Platycholeus 173
 PLATYCNEMIDIFORMES 224
 PLATYCNEMINI 223, 224, 888
Platycnemus 224, 893
Platycoelia 258
 PLATYCOELIIDAE 258
 PLATYCOELIINA 43, 258
Platycorynus 536
 PLATYCREPIDIINI 51, 310
Platycrepidius 310
 PLATYDASCILLIDAE 354
 PLATYDASCILLINAE 58, 354
Platydasillus 354
Platydemia 429
 PLATYDEMINAE 429
Platyderes 144
 PLATYDERINA 144
Platygenia 271
 PLATYGENIINA 44, 271
 PLATYGENIINI 271
 PLATYGNATHINA 71, 458
 PLATYGNATHINI 458
Platygnaethus 458
 PLATYNASPIRAIRES 380
 PLATYNASPINI 62, 380
Platynaspis 380
 PLATYNII 140
 PLATYNINA 140
 PLATYNINAE 122
 PLATYNINI 25, 140
 PLATYNOPTERA 348
 PLATYNOPTERIDAE 348
 PLATYNOPTEROIDES 348
 PLATYNOTAIRES 423, 424
 PLATYNOTINA 67, 423
 PLATYNOTINI 423, 424
Platynotus 423, 424
Platynus 140
 PLATYOMINA 611
Platymus 611
Platyope 409
 PLATYOPES 409
 PLATYOPES 409
 PLATYPIDAE 409
Platyops 409
 PLATYPICERINAE 639
Platypicerus 639
 PLATYPODIDAE 637, 638, 843, 844, 848, 850, 851
 PLATYPODINAE 93, 637, 638, 841, 850
 PLATYPODINI 93, 638
 PLATYPROSOPARIA 222
 PLATYPROSOPINAE 222
 PLATYPROSOPINI 38, 222
Platyprosopus 222
 PLATYPSYLLIDAE 173
 PLATYPSYLLINAE 30, 173
Platypsillus 173
Platypus 637, 638
 PLATYRHININI 8, 81, 547
Platyrhinus 8, 547
 PLATYRHOPALINI 120
Platyrhopalus 120
 PLATYRRHINIDAE 547
 PLATYSCOLIDAE 424
 PLATYSCÉLIDES 424
 PLATYSCOLIDINI 67, 424
 PLATYSCELINA 424
Platyscelis 424, 893
Platyma 143
 PLATYSMATINI 143

- Platysoma* 8, 161
 PLATYSOMATINI 8, 28, 161
 PLATYSOMIDAE 161
 PLATYSOMINI 161
Platysomus 161
 PLATYSTERNIDAE 489, 879
 PLATYSTERNIDES 488
 PLATYSTERNINI 489, 879
Platysternon 489
Platysternus 488
 PLATYSTOMINI 81, 547
 PLATYSTOMOIDEA 547
Platystomos 547
 PLATYTARINI 133
 PLATYTARSILIDAE 639
Platytarsulus 639
Platytarus 133
Platypantha 529
 PLATYXANTHINAE 529
 PLATYXANTHITES 529
Plaumanniola 216
 PLAUMANNIOLINAE 216
 PLAUMANNIOLINI 37, 216
Plectogaster 479
 PLECTOGASTERINI 74, 479
 PLECTOGASTRINI 479
 PLECTRIDAE 251
Plectris 251
 PLECTROMERINI 74, 479
Plectromerus 479
 PLECTROPHORINA 611
 PLECTROPHOROIDES 611
Plectrophorus 611
 PLECTROSCÉLIDES 522
Plectroscelis 522
 PLEGADERINI 28, 159
Plegaderus 159
 PLEGANOPHORIDAE 372
 PLÉGANOPHORIDES 371
 PLEGANOPHORINAE 61, 371, 372
Pleganophorus 371
 PLEIARTHROCERINAE 479
 PLEIARTHROGERINI 74, 479
Pleiarthrocerus 479
Pleocoma 225
 PLEOCOMIDAE 38, 225
 PLEOCOMINAE 38, 225
 PLEOCOMINI 225
 PLEONOMINI 51, 314
Pleonomus 314
 PLEOSOMIDES 370
 PLEOTOMI 328
 PLEOTOMINI 54, 328
Pleotomus 328
 PLEROTICINI 124
Pleroticus 124
 PLEURARIINAE 229
Pleurarius 229
 PLEUROLABINA 82, 555
- Pleurolabus* 555
 PLEUROPHORATES 241
 PLEUROPHORINI 241
Pleurophorus 241
 PLEUROPTERINI 120
Pleuropterus 120
 PLINTHIDES 628
 PLINTHINA 92, 628
Plinthus 628, 894
 PLOCAMOTRECHINA 22, 115
Plocamotrechus 115
 PLOCASTEIDAE 639
Plocastes 639
 PLOCHIONIDAE 134
Plochionocerus 224, 225
Plochionus 134
Plocosoma 370
Plotina 380
 PLOTININI 62, 380
 PLUSIOTINA 260
Plusiotis 260
 POCADIINI 367
Pocadius 367
 PODABRI 330
 PODABRIDAE 330
 PODABRINI 54, 330
 PODABROCEPHALIDAE 49, 297
Podabrocephalus 297
Podabrus 330
Podagricus 526
 PODAGRICINI 526
 PODALGIDAE 262
Podalgus 262, 892
 PODAPHNI 84, 569
 PODAPHITAE 569
Podapion 569
Podolasia 253
 PODOLASHINI 42, 253
Podonta 428
 PODONTINI 428
 PODUROIDEAE 208
 PODUROIDES 208
 POECILII 142
 POECILINA 142
Poecilonota 282, 283, 889
 POECILONOTINA 46, 282, 283
 POECILONOTINI 46, 282
 POECHILOPÉLIDES 484
 POECILOPEPLINI 484
Poecilopeplus 484
Poecilosoma 454, 455
 POECILOSOMI 455
 POECILOSOMIDES 454
Poecilus 142, 143
 POEDERIDAE 218, 220
Poederus 220
Poekilosoma 454, 455
 POGONIDAE 114
 POGONINI 22, 114
- POGONOCÉRAIRES 499
 POGONOCHERINI 76, 499
Pogonocherus 499
 POGONOPSINI 114
Pogonopsis 114
Pogonus 114
 POLIODONTIDES 220
Polistichus 146
Polpochila 131
 POLPOCHILINAE 131
Polyarthra 461
 POLYARTHRIDAE 461, 880
 POLYARTHRIDES 461
 POLYARTHRIINI 461, 880
Polyarthron 461
Polybothris 281
 POLYBOTHRIDAE 281
 POLYBOTHIRISINI 281
Polycanon 336
 POLYCAONINAE 55, 336
 POLYCATINI 90, 614
Polycatus 614
Polycesta 277, 278
 POLYCESTIDES 277, 278
 POLYCESTINA 46, 278
 POLYCESTINAE 45, 277
 POLYCESTINI 46, 278
 POLYCTESINI 46, 278
Polycetes 278
 POLYCYSTOPHORIDAE 1, 17, 352
Polycystophorus 2, 17, 352
 POLYDROSIDES 614
 POLYDROSINI 614
Polydrosus 614
 POLYDRUSINAE 604
 POLYDRUSINI 90, 614
Polydrusus 614, 890
 POLYGRAPHIDAE 636
 POLYGRAPHINI 93, 636
Polygraphus 636
Polyhirmis 122
 POLYHIRMI 122
Polyodon 220
 POLYODONTIDAE 220
Polyodontus 220
Polyopsis 502
 POLYOPSATES 502
Polyphylla 252
 POLYPHYLLIDAE 252
 POLYPLEURI 432
Polypleurus 432
Polypria 435, 858
 POLYPRIIDAE 435
 POLYPRIINAE 68, 435
 POLYRHAPHIDINI 76, 500
Polyrhaphis 500
 POLYRHAPHITAE 500
 POLYSTICHIDES 146
 POLYSTICHINAE 146

- Polystichus* 146
 POLYTINI 85, 573
Polytus 573
 POMACHILINI 318
 POMACHILINI 52, 318
 POMACHILITES 318
Pomachilus 318
 PONDONATINAE 61, 371
Pondonatus 371
 POOPHAGIDAE 591
Poophagus 591
 POPILIINAE 230
Popilius 230
Popillia 257
 POPILLINA 42, 257
Poria 380
 PORIENS 380
 PORIIDES 380
 PORIINI 62, 380
Porocleonus 620
Poroppleura 534
 PORPHYRASPIDINI 515, 871
Porphyraspis 515
 PORPHYRASPIDAE 515
Porphyronota 265
 PORPHYRONOTI 265
 POTAMOPHILAIRES 292
 POTAMOPHILES 292
 POTAMOPHILINI 48, 292
Potamophilus 292
 POTEMNEMINI 495
Potemnemus 495
 POTERGINI 306
Potergus 306
 PRAELATERIIDAE 51, 306
Praclaterium 306
Praemordella 389
 PRAEMORDELLINAE 389
Praesugena 424
 PRAEUGENINA 424
 PRAEUGENINI 67, 424
 PRAOCIDAE 409
 PRAOCINI 66, 409
Praocis 409
Praogena 424
 PRAOGENINI 424
Prasocuris 519
 PRASOCURISIDAE 519
Prasoidea 537
 PRASOIDEINI 537
 PREMNIBIINI 93, 636
Premnobius 636
Premnotypes 615
 PREMNOTRYPINI 90, 615
Prepusa 104
 PREPUSINI 104
Pretilia 500
 PRETILINI 76, 500
Priacma 95
 PRIACMINAE 18, 95
 PRIACMINI 95
Priasilpha 362
 PRIASILPHIDAE 59, 362
 PRIASILPHINAE 362
 PRINOBIINI 458
Prinobius 458
Priocera 347
Priocera 460
 PRIOCERIDAE 347
 PRIOCERITES 349
 PRIOCÉRITES 349
 PRIOLOMINI 395
Priolomus 395
 PRIONIDAE 453
 PRIONI 454, 460
 PRIONINAE 71, 454
 PRIONINI 71, 460
 PRIONOBRACHIINA 583
 PRIONOBRACHIINI 86, 583
Prionobrachiium 583
Prionocera 349
 PRIONOCERIDAE 57, 349, 884
 PRIONOCÉRIDES 349
 PRIONOCERINI 57, 349, 884
 PRIONOCERITES 349
 PRIONOCÉRITES 349
Prionocerus 349
 PRIONOMÉRIDES 579
 PRIONOMERINA 86, 579
 PRIONOMERINAE 579
Prionomerus 579
Prionomma 460
 PRIONOMMITAE 460
Prionus 454, 460, 889
 PRIOPTERA 511
 PRIOPTERINI 511, 870
 PRIOPTERITAE 511
 PRIOPTÉRITES 511
 PRIOSCELINA 400
Prioscelis 400
 PRISAHYPINI 314
Prisabhypnus 314
 PRISTIPTERA 282
 PRISTIPTERINA 46, 282
 PRISTOLYCINI 328
Pristolycus 328
 PRISTONYCHIDAE 145
Pristonychus 145
 PRISTORHYNCHIDEN 615
 PRISTORHYNCHINI 90, 615
Pristorhynchus 615
Pristosia 144
 PRISTOSIAE 144
 PRISTOSIINA 25, 144
 PROBELINI 80, 543
Probelus 543
 PROBLECHILIDAE 634
 PROBLECHILINI 633
Problechilus 634
 PROCALIDAE 525
 PROCALITES 524
Procalus 524
Procas 576
 PROCEPIDAE 106
Procerus 106
 PROCIRRI 221
 PROCIRRINA 37, 221
Procirrus 221
 PROCLETINI 124
Procleus 124
Procrustes 106
 PROCRUSTOGENICI 106
Proctocera 500
 PROCTOCERINI 76, 500
Proctophanes 239
 PROCTOPHANINA 40, 239
 PROCTOPHANINI 239
 PROECULEJINAE 231
Proclejus 231
 PROCLUNAE 230
 PROCLUNINI 39, 230
Proculus 230
Procurculio 543
 PROCURCULIONINA 80, 543
 PROCURCULIONINI 543
 PRODORETINA 42, 256
Prodoretus 256
Proeces 597
 PROECINA 597
 PROECINI 89, 597
Prognata 210
 PROGNOTHITAE 210
 PROGNOTHITES 210
Prognathus 210
Prolytta 440
 PROLYTTINI 440
 PROMECHEILIDAE 64, 396
 PROMECHEILINAE 396
Promechilus 396
 PROMECHEILIDES 396
Promechilus 396
 PROMECOGNATHI 109
 PROMECOGNATHINI 21, 109
Promecognathus 109
 PROMÉCOPIDES 607
 PROMECOPINAE 607
Promecops 607
Promecothea 518
 PROMECOTHECINI 78, 518
 PROMECOTHÉCITES 518
Prometopia 367
 PROMETOPINAE 367
 PROMETOPINAE 367
Pronomaea 206
 PRONOMAENI 35, 206
 PRONOMÉATES 206

- PRONOTERINI 26, 148
Pronoterus 148
 PROPALITICIDAE 59, 364
Propalticus 364
 PROSCARABAEIDAE 440
Proscarabaeus 440
 PROSCOPORHINIDES 547
 PROSCOPORHININI 81, 547
Proscoporhinus 547
Proscoderus 581
Prosodes 415
 PROSODINA 66, 415
Prosopocera 500
 PROSOPOCERINI 76, 500
 PROSOPOCERITAE 500
 PROSOPOCOILINI 234
Prosopocoilus 233, 234
Prosopodonta 518
 PROSOPODONTINI 79, 518
 PROSOPORHINIDAE 547
Prosppheres 278
 PROSPHERESINI 278
 PROSPHERINI 46, 278
 PROSPHODRINI 141
Prospodrus 141
 PROSTERNIDAE 315
 PROSTERNINI 2, 17, 52, 315, 853,
 854, 855, 872
Prosternon 315
 PROSTHETOPINAE 28, 162, 163
 PROSTHETOPINI 29, 163
Prosthetops 162, 163
 PROSTOMIDAE 68, 433, 434
Prostominia 445
 PROSTOMINIINAE 69, 445
 PROSTOMININI 445
Prostomis 434
 PROTACTIDAE 225
 PROTACTIDEN 225
 PROTACTINAE 38, 225
Protactus 225
 PROTAGRYPNINAE 52, 319
 PROTAGRYPNINI 52, 319, 320
Protagrypnus 319, 320
 PROTAXINI 74, 479
Protaxis 479
 PROTEININA 177
 PROTEININAE 31, 177
 PROTEININI 31, 177
Proteinus 177, 178, 893
Protelater 311
 PROTELATERIDAE 311
 PROTERHINIDAE 552
 PROTERHINIDES 552
Proterhinus 552
 PROTERINI 32, 188
Proterus 188
 PROTEUGNAMPTINI 559
 PROTEUGNAMPTINI 559, 560
- Proteugnampitus* 559, 560
Protheca 341
 PROTHECINI 341
Prothema 479
 PROTHÉMIDES 479
 PROTHEMINAE 479
 PROTHEMINI 74, 479
Prothyma 104
 PROTHYMINI 104
 PROTOCHTHEBIINA 29, 164
Protochthebius 164
 PROTOCUCUJIDAE 58, 354
Protocucujus 354
 PROTOLUCANINAE 39, 232
Protolucanus 232
 PROTOMANTINAE 574
Protomantis 574
Protomeloe 438
 PROTOMELOINA 69, 438
 PROTOMELOINI 438
Protonarthron 493
 PROTONARTHRONITAE 493
 PROTOPAUSSINI 23, 121
Protopausus 121
 PROTOPELTINI 344
Protopeltis 344
 PROTOPSELAPHINAE 31, 178
Protopselaphus 178
 PROTORABINAE 20, 102
Protorabis 102
Protorhopala 500
 PROTORHOPALITAE 500
 PROTOSCELIDINAE 80, 539
 PROTOSCELINAE 539
Protoscelis 539
 PROTOSPHINDINAE 58, 355
Protosphindus 355
 PROTOSTERNINI 28, 158
Protosternum 158
 PROTOSTHETOPINAE 162
 PROTOSTHETOPINI 29, 163
Protosthetops 163
 PROTOTRICHAPIINA 84, 568
 PROTOTRICHAPIINI 568
Prototrichapion 568
 PROTOTROGINAE 41, 245
Prototrox 245
 PROUTIANINI 50, 305
Proutianus 305
 PRYPNIDES 615
 PRYPNINI 90, 615
Prypnus 615
 PSALIDIIDES 615
 PSALIDIINI 615
Psalidium 615
 PSALIDOCOPTIDES 461
Psalidocoptus 461
 PSALIDOGNATHITAE 460
 PSALIDOGNATHITES 460
- Psalidognathus* 460
Psalidura 601
 PSALIDURIDAE 601
 PSALIDIINI 91, 615
Psallidium 615
 PSAMMOBIINA 241
Psammobius 241
Psammodes 409
 PSAMMODIAIRES 240, 241
 PSAMMODIDAE 241, 409
 PSAMMODIINA 40, 241
 PSAMMODIINI 40, 240, 241
Psammodius 240, 241, 409
 PSAMMODOIDEN 409
 PSAMMOECINI 362
Psammocus 362
 PSATHYRINI 467
Psathyryrus 467
 PSÉBIIDES 479
 PSÉBIINAE 479
 PSÉBIINI 74, 479
Psébium 479
 PSECTROPINI 422
Psectropus 422
 PSELAPHIDAE 174
 PSELAPHII 179, 188, 189
 PSELAPHINAE 31, 179, 185
 PSELAPHINI 33, 189
 PSELAPHITAE 32, 188
 PSELAPHOIDEA 162
Pselaphus 179, 188, 189
 PSELAPTINA 186
Pselaptus 186
 PSENO CERINI 492
Psenocerus 492
 PSEPHENIDAE 49, 295, 296, 874
 PSÉPHÉNIDES 295, 296
 PSEPHENINAE 49, 296
 PSEPHENOIDES 296
 PSEPHENOIDINAE 49, 296
 PSEPHENOIDINI 296
Psephenus 295, 296
 PSÉPHOLACIDES 600
 PSEPHOLACINA 600
 PSEPHOLACINI 89, 600
Psepholax 600
 PSEUDACANTHEAE 230
Pseudacanthus 230
Pseudacherusia 279
 PSEUDACHERUSIINA 46, 279
 PSEUDADORETINA 256
Pseudadoretus 256
Pseudamauronia 351
 PSEUDAPOTREPIDES 597
 PSEUDAPOTREPINI 89, 597
Pseudapotrepus 597
Pseudauletes 558
 PSEUDAULETINA 83, 558
Pseudocolenis 169

- Pseudeucinetus* 295
 PSEUDOACHERUSINI 279
 PSEUDOBAGIINI 586
Pseudobagous 586
 PSEUDOBALANININA 86, 580
Pseudobalaninus 580
 PSEUDOCOCCEPHALIDAE 566
 PSEUDOCOCCEPHALINA 84, 565, 566, 869
Pseudococcephalus 565, 566
 PSEUDOCOPHALINI 74, 480, 870
Pseudocephalus 480
 PSEUDOCODAEINAE 236
 PSEUDOCODAEINI 39, 236
Pseudocodaenus 236
Pseudocistella 427
 PSEUDOCISTELINI 427
Pseudocneorhinus 617
 PSEUDOCNEORRHININI 617
Pseudocneorhinus 617
Pseudocolaspis 535
 PSEUDOCOLASPITAE 535
 PSEUDOCOLASPITES 535
 PSEUDOCROCERINI 78, 510
Pseudocroceris 510
 PSEUDOCYCNOTRACHELINA 557
Pseudocycnotrachelus 557
 PSEUDOCYPHI 611
Pseudocyphus 611
 PSEUDODORCINI 234
Pseudodorcus 234
 PSEUDOLAMPSES 525
Pseudolampsis 525
Pseudoleptura 480
 PSEUDOLEPTURINI 74, 480
 PSEUDOLEPTURITAE 480
Pseudoliodes 169
 PSEUDOLIODINI 30, 169
 PSEUDOLOTELINA 70, 450
Pseudotelus 450
Pseudomachla 402
 PSEUDOMASOREINI 134
Pseudomasoreus 134
Pseudomelanactes 310
 PSEUDOMELANACTINI 51, 310
Pseudomenes 300
 PSEUDOMENINAE 50, 300
 PSEUDOMENINI 50, 300
Pseudomesauletes 558
 PSEUDOMESAULETINA 83, 558
 PSEUDOMIMINA 89, 598
 PSEUDOMIMINI 598
Pseudomimus 598
Pseudomorpha 141
 PSEUDOMORPHIDAE 141
 PSEUDOMORPHINI 25, 141, 836
 PSEUDOPERINTHINAE 206
 PSEUDOPERINTHINI 35, 206
Pseudoperinthus 206
 PSEUDOPEROTINA 46, 282
Pseudoperotis 282
 PSEUDOPHANINI 362
Pseudophanus 362
Pseudophengodes 326
 PSEUDOPHENGODIDAE 326
 PSEUDOPHRYSINA 82, 557
Pseudophrysus 557
Pseudoplandria 201
 PSEUDOPLANDRIANA 34, 201
 PSEUDOPSINAE 37, 218
 PSEUDOPSINI 218
Pseudopsis 218
Pseudoryctes 262
 PSEUDORYCTINA 43, 262
 PSEUDOTRECHINA 24, 136
 PSEUDOTRECHINI 136
Pseudotrechus 136
Pseudozaena 118
 PSEUDOZAENINI 118
Psilapha 526
 PSILAPHINA 526
 PSILOCLADINA 326
 PSILOCLADINAE 54, 326
Psilocladus 326
Psilomorpha 480
 PSILOMORPHIDES 480
 PSILOMORPHINI 74, 480
 PSILONYCHIDES 252
Psilonychus 252
 PSILOPTERA 281
 PSILOPTÉRIDES 281
 PSILOPTERINI 281
 PSILOPTERITAE 281
Psora 336
 PSORINAE 55, 336, 337
 PSORINI 337
 PSORITAS 336
 PSYDRI 117, 118
 PSYDRINAE 22, 117
 PSYDRINI 22, 118
Psydrus 117, 118
Psylliodes 525
 PSYLLIODES 525
 PSYLLIODITES 525
Psyllobona 377
 PSYLLBORINI 377
 PTENIDIINI 29, 165
Ptenidium 165, 892
Pteracantha 484, 586
 PTERACANTHIDES 586
 PTERACANTHINA 586
 PTERACANTHITAE 484
Pteracanthus 586
Pteracmes 184
 PTERACMINI 184
Pterhoplius 500
 PTÉRICOPTIDES 489
 PTERICOPTINI 489
Ptericoptus 489
 PTEROBOTHRINI 47, 286
Pterobothris 286
 PTÉROCOLIDES 561
 PTEROCOLINAE 83, 561
Pterocolus 561
 PTEROGENIIDAE 63, 385
Pterogenius 385
Pteroloma 167
 PTEROLOMATINAE 29, 167
 PTEROLOMINA 167
 PTERONINAE 178
 PTERONINI 178
Pteronius 178
 PTEROPLATINI 74, 480
 PTEROPLATTAE 480
Pteroplatus 480
Pteroplia 500
 PTEROPLINI 76, 500
 PTEROPLITAE 500
Pteroplus 500
 PTÉROSTÉNIDES 482
 PTEROSTENINAE 482
Pterostenus 482
 PTEROSTHETOPINAE 162
 PTEROSTHETOPINI 29, 163
Pterosthetops 163
 PTEROSTICHI 141, 142
 PTEROSTICHINA 25, 142
 PTEROSTICHINAE 122
 PTEROSTICHINI 25, 141
Pterostichus 141, 142
 PTEROTARSINAE 311, 872
 PTEROTARSINI 303, 304, 311
Pterotarsus 303, 311
 PTEROTINAE 54, 332
 PTEROTINI 332
Pterotus 332
 PTERYCINE 166
 PTERYCINI 166
Pteryx 166
 PTICHOPINAE 230
Ptychopus 230
 PTILIN 165
 PTILIDAE 29, 165, 874, 892
 PTILINAE 29, 165
 PTILINI 29, 165
 PTILINA 165
 PTILINEURINI 56, 339
Ptilineurus 339
 PTILINIDAE 340
 PTILININAE 1, 17, 56, 340
Ptilinus 2, 17, 340, 892
Ptilium 165, 892
Ptilodactyla 296, 297
 PTILODACTYLIDAE 49, 296, 297, 874
 PTILODACTYLINAE 49, 297
 PTILOPHORES 390
 PTILOPHORINAE 63, 390

- PTILOPHORINI 390
Ptilophorus 390
 PTILOPTERIDAE 165
Ptilopterium 165
Ptinella 165, 166, 892
 PTINELLINI 29, 165, 166, 874
 PTINIDAE 1, 2, 17, 56, 216, 337,
 338, 342, 640, 879, 884, 888,
 892
 PTININAE 56, 338
 PTININI 56, 338
 PTINIORES 337, 338
 PTINOIDEA 333
Ptinus 337, 338, 892
 PTOCHINI 606
Ptochus 606, 890
 PTOMAPHAGINA 30, 173
 PTOMAPHAGINI 30, 173
 PTOMAPHAGININA 30, 173
 PTOMAPHAGININI 173
Ptomaphagus 173
Ptomaphagus 173
Proxima 279
 PTOSIMINI 46, 279
 PTOSIMITES 279
Psychoderes 548
 PSYCHODERIDAE 548
 PSYCHODERINI 81, 548
Psychodes 496
 PSYCHODES 496
 PSYOPTERINAE 99
Psyopteryx 99
Pulicomorpha 197
 PULICOMORPHINI 197
 PURPURICENTAE 483
Purpuricenus 483
 PYCNOCERIDAE 399
 PYCNOCÉRIDES 399
 PYCNOCERINI 64, 399, 877
Pycnocerus 399
 PYCNOMERINI 64, 395
Pycnomerus 395
 PYGOMOLPINI 79, 538
Pygomolpus 538
 PYGOSTENINI 35, 206
Pygostenus 206
 PYGOXYINI 32, 188
Pygoxyon 188
Pyrestes 480
Pyresthes 480
 PYRESTHIDES 480
 PYRESTINI 74, 480
Pyrochroa 444, 445, 892
 PYROCHROIDAE 69, 444, 858, 892
 PYROCHROIDES 444, 445
 PYROCHROINAE 69, 445
Pyrodes 459
 PYRODIDES 459
 PYRODINI 459
 PYROPHORINA 51, 310
 PYROPHORINI 51, 310, 852
 PYROPHORITES 310
Pyrophorus 310
 PYROPIDES 583
 PYROPINAE 583
 PYROPINI 86, 583
Pyropus 583
Pyrota 440
 PYROTINI 69, 440
 PYTHEITAE 469
Pytheus 469
 PYTHIDAE 69, 444, 858
 PYTHIOPINA 67, 424
 PYTHIOPINI 424
Pythiopus 424
 PYTHITES 444
Pytho 444
 PYTHONIDAE 444
 PYXIDICERINA 32, 182
 PYXIDICERINI 182
Pyxidicerus 182
Pyxis 521
 PYXITES 521
Quasimus 316
 QUASIMUSINA 52, 316
 QUASIMUSINI 52, 316
 QUEDIIFORMES 223
 QUEDIINA 38, 223
 QUEDIINI 223, 888
Quediulus 223, 893
Radama 181
 RADAMINA 31, 181
 RADAMINI 181
Raffrayia 184
 RAFFRAYINI 184
 RAFFRAYINA 184
 RAMPHORIA 583
Ramphorus 583
Ranavala 184
 RANAVALINI 184
Raphidopalpa 530
Rathymus 143
 RAYMONDIONYMINAE 86, 577, 843,
 849, 851
 RAYMONDIONYMINI 86, 577
Raymondionymus 577
Reicheia 108
 REICHEIINA 108
 REICHEINA 108
Reichenbachia 185, 843
 REICHENBACHIINA 185
 RÉMATES 223
 REMBIDAE 137
Rembus 137
Remipedella 415
 REMIPEDELLINA 66, 415
 REMIPEDELLINI 415
Remphan 461
 REMPHANIDES 461
 REMPHANINAE 461
 REMPHANINI 72, 461
Remus 223
Renania 358
 RENANINI 358
 RENTONINAE 344
Rentonium 344
Resites 605
Reynoldsiella 390
 REYNOLDSIELLINI 63, 390
 RHADALINAE 57, 350
 RHADALINI 350
Rhadalus 350
Rhadinocyba 570
 RHADINOCYBINI 85, 570
 RHADINOCYBITAE 85, 570
 RHADINOSOMIDES 602
 RHADINOSOMINA 89, 602
 RHADINOSOMINAE 602
 RHADINOSOMINI 601, 602
Rhadinosomus 602
 RHAEBINI 77, 508, 509
 RHAEBITES 508
 RHAEBOSCELIDI 288
 RHAEBOSCELIDINA 47, 287
 RHAEBOSCELINI 287
Rhaeboscelis 287, 288
Rhaebus 508
 RHAETULINAE 233
Rhaetulus 233
 RHAGIADAE 463
 RHAGIINI 72, 463, 477
Rhagiomorpha 480
 RHAGIOMORPHIDAE 480
 RHAGIOMORPHINI 74, 480
Rhagium 463
 RHAGOCREPIDAE 125
 RHAGOCREPIDES 125
Rhagocrepis 125
Rhagodena 394
 RHAGODERINI 64, 394
 RHAGOPHTHALMIDAE 53, 326
Rhagophthalmus 326
 RHAMNUSINI 72, 463
Rhamnusium 463
 RHAMPHIDES 583
 RHAMPHINA 87, 576, 583
 RHAMPHINI 87, 576, 583
Rhamphus 583
 RHANES 372
 RHANIDEA 372
Rhanis 372
Rhaphidopalpa 530
 RHAPHIDOPALPINI 530
 RHAPHIPODI 461
Rhaphipodus 461
 RHATHYMINAE 143
Rhathymus 143

- RHEXIINA 32, 184
 RHEXINI 184
Rhexius 184
 RHIGOPSINI 618
Rhigopsis 618
 RHINA 572, 622
Rhinaria 602
 RHINARIDES 602
 RHINASTINA 91, 623
 RHINASTINI 623
Rhinastus 623
 RHINIDAE 572
 RHININAE 622
 RHINOCARTINI 83, 559
 RHINOCARTITAE 559, 560
Rhinocartus 559
 RHINOCYLIDES 621
 RHINOCYLLINAE 621
 RHINOCYLLINI 91, 621
Rhinocyllus 621
Rhinomacer 443, 540
 RHINOMACERIDAE 443
 RHINOMACERIDES 540
 RHINONCIDES 592
Rhinoncus 592, 890
 RHINOPHTHALMITAE 485
Rhinophthalmus 485
 RHINORHIPIDAE 49, 298
Rhinorhipis 298
 RHINORHYNCHIDIINAE 569
 RHINORHYNCHIDIINI 84, 569
Rhinorhynchidius 569
 RHINORHYNCHINAE 80, 541
 RHINORHYNCHINI 80, 541
Rhinorhynchus 541
 RHINOSCEPSII 183
 RHINOSCEPSINA 32, 183
Rhinoscepsis 183
 RHINOSIMIDAE 446
 RHINOSIMITES 446
Rhinosimus 446
 RHINOSTOMINI 85, 572
Rhinostomus 572, 891
Rhinotia 551
 RHINOTRAGINI 74, 481
 RHINOTRAGITAE 481
Rhinotragus 481
Rhipicera 275
 RHIPICERIDAE 45, 274, 275, 872
 RHIPICERIDES 275
 RHIPICÉRITES 276
 RHIPICEROIDEA 274, 872
 RHIPIDANDRI 415
Rhipidandrus 415, 864
 RHIPIDIINI 391
Rhipidius 391
 RHIPIDOPHORIDAE 390, 391, 392
Rhipidophorus 390, 391, 392
 RHIPIPHORINI 392
 RHIPIPHORITES 391
Rhipiphorus 391
 RHIZOBIATES 376
 RHIZOBIINA 376
 RHIZOBIINAE 376
Rhizobius 376
 RHIZOPHAGI 358
 RHIZOPHAGINAE 59, 358
Rhizophagus 358, 891
Rhizophotoma 359
 RHIZOPHTOMINAE 359
 RHIZOPHTOMINI 59, 359
 RHIZOTROGIDAE 252
 RHIZOTROGINA 42, 252
Rhizotrogus 252
 RHODACANTHOPINAE 230
Rhodacanthopus 230
 RHODOPIDES 501
 RHODOPINA 501
 RHODOPINI 501
 RHODOPININI 76, 501
Rhodopsis 501
 RHOEBITES 509
 RHOMBOCOLEIDAE 19, 97
 RHOMBOCOLEOIDEA 19, 97
Rhombocoleus 97
 RHOMBORHINA 266
 RHOMBORRHINA 266
 RHOMBORRHINAE 266
 RHOPALOCERINI 64, 394, 888
Rhopalocerus 394, 893
Rhopalodon 386
 RHOPALODONTIDAE 386
 RHOPALODONTINI 386
Rhopalodontus 386
 RHOPALOGASTRA 195
Rhopalogastrum 195
 RHOPALOMELINI 123
Rhopalomelus 123
Rhopalophora 481
 RHOPALOPHORINI 74, 481
 RHOPALOPHORITAE 481
 RHOPALOPHORITES 481
Rhopalosilpha 333
 RHOPALOSILPHINAE 333
Rhopalotria 552
 RHYNCHAEINIDAE 576
 RHYNCHAEINIDES 575, 584
Rhynchaenus 575, 584
 RHYNCHALIDAE 598
 RHYNCHENIDAE 584
 RHYNCHITALLINA 83, 560
 RHYNCHITALLINI 559
Rhynchitallus 559, 560
Rhynchites 557, 560, 561
 RHYNCHITINA 83, 561
 RHYNCHITINAE 83, 557
 RHYNCHITINI 83, 560, 561
 RHYNCHITISIDAE 557, 560, 561
 RHYNCHITITAE 559
Rhynchitomacer 8, 541
 RHYNCHITOMACERINI 541
 RHYNCHITOPLESINI 541
Rhynchitoplesius 541
Rhyncholus 598
 RHYNCHOPHORIDES 572, 573
 RHYNCHOPHORINAE 85, 572
 RHYNCHOPHORINI 85, 573
Rhynchophorus 572, 573
 RHYNCOGONIDES 615
 RHYNCOGONINI 91, 615
Rhyncogonus 615
 RHYNCOLINA 89, 598
 RHYNCOLINI 89, 598
Rhyncolus 598, 890
 RHYPARINA 241
 RHYPARINI 40, 241
 RHYPAROSOMIDES 603
 RHYPAROSOMINI 603
Rhyparosomus 603
Rhyparus 241
 RHYPOBIINI 383
Rhyppobius 383
Rhysodes 101
 RHYSDIDAE 20, 101, 836, 837
 RHYSDINI 20, 101
 RHYSDITIS 101
 RHYSOPOUSSIDAE 425
 RHYSOPOUSSINI 67, 425
Rhysoapus 425
 RHYSSSEMINA 40, 241
Rhyssemus 241
 RHYSSODECIDAE 101
 RHYSSONOTINI 234
Rhyssonotus 234
 RHYTHIRININI 89, 603
Rhythirinus 603
 RHYTICEPHALINA 84, 566
 RHYTICEPHALINI 566
Rhyticephalus 566
 RHYTIDOPHLOEINA 92, 627
 RHYTIDOPHLOEINI 627
Rhytidophloeus 627
 RHYTIDORHINIDES 603
Rhytidorhinus 603
 RHYTHIRINIDES 603
 RHYTHIRINI 603
Rhytirhinus 603
Rhytus 188
Rhyzobius 376
 RIEDELININA 556
Riedelinus 556
 RIPIDIINAE 63, 391
 RIPIDIINI 63, 391
Ripidius 391
 RIPIPHORIDAE 63, 390, 392, 875, 884
 RIPIPHORINAE 64, 391, 884

- RIPIPHORINI 64, 392, 875, 884
 RIPIPHORITES 392
Ripiphorus 390, 391, 392
Rodolia 380
 RODOLIAIRES 380
Rondoniella 404
 RONDONIELLINA 65, 404
Ropalodontus 386
Rosalia 481
 ROSALIINI 74, 481
 ROSALITES 481
Rosiroia 538
 ROSIROIINI 79, 538
Rosocoleus 98
 ROSTRICEPHALINAE 312
Rostricephalus 312
 RUGILINA 221
Rugilus 220, 221
Rupilia 527
 RUPILITES 527
 RUPILINAE 527
Rutelat 255, 258, 259
 RUTELIDAE 255, 258, 259
 RUTELINA 43, 259
 RUTELINAE 42, 255, 860
 RUTELINI 43, 258
Rybaxis 185
 RYGMODINI 28, 158
Rygmodus 158
Ryparus 241
 RYPOBIINI 62, 383
Rypobius 383
Rysonotus 234
Ryzophagus 358
Sachalinobia 464
 SACHALINOBIINI 72, 464
 SACHIINA 383
Sacium 383
Sagra 505, 506
 SAGRIDA 505, 506
 SAGRINAE 77, 505
 SAGRINI 77, 506
 SAHLBERGIINI 35, 207
Sahlbergius 207
Salax 412
 SALAXINI 412
Salcedia 109, 110
 SALCEDIINA 21, 109, 110
 SALCEDIINI 21, 109, 110, 870
 SALTITINI 361
Sallius 361
 SALPINGIDAE 69, 353, 445, 884
 SALPINGIDES 445, 446
 SALPINGINAE 70, 446
Salpingus 445, 446
 SANDALIDAE 274, 276
Sandalus 276
 SANYREVILLEINA 560
 SANYREVILLEINI 560
Sanyrevilleus 560
Saperda 501, 889
 SAPERDAIRES 501
 SAPERDINI 77, 501
 SAPERDITAE 501
 SAPHANIDAE 465
 SAPHANINI 72, 465
Saphanus 465
Saphoglossa 201
 SAPHOGLOSSAE 201
 SAPHOGLOSSINA 34, 201
 SAPRINI 238
Sapriniana 238
 SAPRINI 159
 SAPRININAE 28, 159
 SAPRINITES 159
Saprinus 159
Saprus 238
Sarothrias 333
 SAROTHRIDAE 333
 SAROTHRIDAE 125
 SAROTHRIDAE 125
 SAROTHRIDAE 393
 SAROTHRIDAE 393
Sarrotrium 393, 440
Sawadaeops 556
 SAWADAEOPSINA 556
Scalidia 364
 SCALIDIINI 364
Scaphicoma 210
 SCAPHICOMITAE 210
Scaphidema 431
 SCAPHIDEMINI 68, 431
 SCAPHIDIINAE 36, 209
 SCAPHIDIINI 36, 209
 SCAPHIDILIA 209
Scaphidium 209
 SCAPHIINI 36, 209
 SCAPHITAE 209
Scaphisoma 209
 SCAPHISOMATINI 36, 209
 SCAPHISOMINI 209
Scaphium 209
 SCAPHORHINADORETINA 256
Scaphorhinadoretus 256
 SCAPTÉRIDES 110
 SCAPTERINA 21, 110, 111
Scapterus 110
 SCARABAEIDAE 2, 17, 18, 40, 182,
 238, 262, 409, 421, 429, 513,
 518, 532, 545, 556, 580, 593,
 640, 858, 859, 860, 861, 875,
 878, 880, 881, 882, 884, 885,
 888, 892
 SCARABAEIDES 225, 238, 242, 245
 SCARABAEINAE 40, 242
 SCARABAEINI 41, 245
 SCARABAEIOIDEA 4, 15, 38, 225,
 640, 840, 841, 843, 850, 854,
 855, 858, 859, 860, 861, 864,
 866, 867
Scarabaeus 2, 17, 225, 238, 242,
 245, 271
 SCARABATERMES 237
 SCARABATERMITINI 40, 237
Scardamycetes 621
 SCARDAMYCTINI 2, 17, 621, 850,
 871
 SCARDAMYCTISIDAE 621
Scarites 108, 110, 111
 SCARITIDES 108, 110, 111
 SCARITINA 21, 111
 SCARITINAE 21, 108
 SCARITINI 21, 110
 SCATIMINA 40, 242
Scatimus 242
 SCATONOMI 243
 SCATONOMIDES 243
 SCATONOMINI 243
Scatonomus 243
 SCAURIDES 425
 SCAURINI 67, 425
Scaurus 425
Sceleocantha 456
 SCÉLEOCANTHIDES 456
 SCLEOCANTHINI 456
Scelida 529
 SCOLIDINAE 529
 SCOLIDITES 529
Scelodonta 534, 535
 SCÉLODONTITAE 535
 SCÉLODONTITES 535
Scleroenopla 518
 SCÉLOENOPLINI 79, 518, 871
Scelophysa 250
 SCÉLOPHYSIDES 250
 SCEPTOBIINI 35, 207
Sceptobius 207
 SCHEDAROSINI 429
Schedarosus 429
 SCHEDLARIINI 93, 638
 SCHEDLARIINI 638
Schedlarius 638
Schematiza 527
 SCHEMATIZITES 527
 SCHISTODACTYLINI 33, 189
Schistodactylus 189
Schistogenia 194
 SCHISTOGENINAE 194
 SCHISTOGENIINA 33, 194
 SCHISTOMERINI 27, 152
Schistomerus 152
 SCHIZEIETHRINAE 208
Schizelythron 208
 SCHIZOCOLEIDAE 19, 98
Schizocoleus 98
 SCHIZOGNATHINA 43, 258

- Schizognathus* 258
Schizorycha 252
 SCHIZONYCHIDAE 252
 SCHIZONYCHINA 42, 252
 SCHIZOPHILINAE 300
 SCHIZOPHILINI 50, 300
Schizophilus 300
 SCHIZOPHORIDAE 19, 97
 SCHIZOPHOROIDEA 19, 97, 875
Schizophorus 97
 SCHIZOPODIDAE 45, 276, 892
 SCHIZOPODINAE 45, 276
 SCHIZOPODINI 45, 276
Schizopus 276, 892
SCHIZORHINA 267, 268
 SCHIZORHININA 44, 268
 SCHIZORHININI 44, 267
SCHIZORRHINA 268
 SCHIZORRHINIDAE 267, 268
 SCHIZORRHININI 267
Schoenherriella 629
 SCHOENHERRIELLINAE 629
Schyzocheilus 422
 SCHYZOSCHELINA 422
Schyzoscheilus 422
 SCIACHARINI 215
Sciacharis 215
 SCIAPHILINA 615
 SCIAPHILINI 91, 615
Sciaphilus 615
Sciaphyes 173
 SCIAPHYINI 30, 173
Sciatrophes 209
 SCIATROPHITAE 209
Scirtes 272, 273
 SCIRTESIDAE 272, 273
 SCIRTIDAE 45, 273
 SCIRTINAE 45, 273
 SCIRTOIDEA 45, 272, 274, 859
Scitula 253
 SCITALINI 42, 253
 SCLERASTEIDAE 340
Sclerastes 2, 17, 340
 SCLÉRIDES 419
 SCLERINA 419
 SCLEROCARDIIDES 626
 SCLEROCARDIINA 92, 626
 SCLEROCARDIINI 626
 SCLEROCARDINI 626
Sclerocardius 626
Scleron 419
 SCLEROPTERIDAE 592
 SCLÉROPTERIDES 592
 SCLEROPTERINI 88, 592
 SCLEROPTEROIDEAE 592
Scleropterus 592
 SCLEROSTOMINI 234
Sclerostomus 234
Sclerum 419
- SCOLITARII 631, 636
 SCOLOPTERIDAE 581
 SCOLOPTÉRIDES 581
 SCOLOPTERINA 581
 SCOLOPTERINAE 581
Scolopterus 581
 SCOLYTI 107
 SCOLYTIDAE 631, 636, 843, 844, 848, 850, 851
 SCOLYTINAE 93, 107, 360, 415, 631, 841, 850, 881, 882
 SCOLYTINI 93, 160, 636
Scolytodes 633
 SCOLYTOPLATYPINI 637
 SCOLYTOPLATYPODINI 93, 637
Scolytotylus 637
Scolytus 107, 160, 631, 636, 890
 SCOPADINI 491
Scopadus 491
 SCOPAEINA 37, 220
Scopaes 220
 SCOPÉATES 220
Scopodes 140
 SCOPODINAE 140
 SCORTIZINI 234
Scortizus 234
 SCOTOBIINI 67, 425
 SCOTOBIODAE 425
 SCOTOBITES 425
Scotobius 425
 SCOTOCRYPTINI 30, 169
Scotoecryptus 169
 SCOTODIPNINA 113
Scotodipnus 113
Scotodytes 190
 SCOTODYTIDAE 190
 SCOTOSCYMNINAE 374
Scotoscymnus 374
Scaptia 450
 SCRAPTIAEIDAE 450
 SCRAPTIIDAE 70, 450, 858, 892
 SCRAPTIINAE 70, 450
 SCRAPTIINI 70, 450
 SCYDMAENIDES 214, 216
 SCYDMAENINAE 36, 214
 SCYDMAENINI 10, 37, 216
 SCYDMAENITAE 37, 214
Scydmaenus 214, 216
 SCYMNIAIRES 380
 SCYMNILLINI 62, 380
Seymnillus 380
 SCYMNINI 62, 380, 381
Seymnomorphus 374
Seymnus 380
 SCYTHROPIDES 614
 SCYTHROPINI 614
Scythropus 614
Scytomaria 361
 SCYTOMARIINI 361
- SCYTROPIDAE 614
Selagis 284, 285
Selatosomus 315, 855
 SELENGARHYNCHINAE 80, 544
Selengarhynchus 544
 SELENOPHORINI 129
Selenophorus 129
SELINA 133, 424
 SELININA 24, 133
 SELININI 133, 424
 SELINOID 424
Selinus 133, 424
 SELVADIINI 62, 381
Selvadius 381
 SEMICYCLINAE 231
Semicyclus 231
 SEMIOTINA 312
 SEMIOTINAE 51, 312
Semiotus 312
Senodonia 315
 SENODONIINAE 315
 SENODONIINI 52, 315
Sepedonastes 431
 SEPEDONASTIDAE 431
 SEPEDOPHILINI 1, 17, 191
Sepedophilus 191
 SEPIDIDAE 409, 410
 SEPIDIINA 66, 410
 SEPIDIINI 66, 409
Sepidium 409, 410
 SERANGIINI 61, 374
Serangium 374
Serica 253
 SERICIDAE 253, 254
 SERICINA 42, 253
 SERICINI 42, 253, 858, 860
Sericoda 140
 SERICODERINA 383
 SERICODERINI 62, 383
Sericoderus 383
 SERICODIADAE 140
 SERICOIDEAE 254
 SERICOIDES 254
 SERICOIDINI 42, 254
 SERICOSOMINA 317
Sericosomus 317
Sericus 317
Sermyla 528
Sermylusa 528
 SERMYLASSINI 528
 SERMYLINAE 528
 SERMYLITES 528
 SERRATICOLLINI 525
Serraticollis 525
 SERRATOPALPIDAE 639
Serratopalpus 639
 SERRROPALPIDES 388
 SERRROPALPINI 63, 388
Serrropalpus 388

- SERTORINAE 230
Sertorius 230
Sestya 481
 SESTYRIDES 481
 SESTYRINAE 481
 SESTYRINI 74, 481
Setaria 356
 SETARINI 356
Setariola 356
 SETARIOLINAE 356
Shirozuella 381
 SHIROZUELLINI 62, 381
Siagona 112
 SIAGONES 112
 SIAGONINI 210
 SIAGONINAE 21, 112
 SIAGONINI 22, 112
Siagonium 210
Siamites 215
 SIAMITINI 215
Sibiria 585
Sibylla 467
 SIBYLLINI 467
Sibynes 585
 SIBYNIDAE 585
Sicoderus 581
 SIDERODACTYLIDES 616
Siderodactylus 616
Siettitia 152
 SIETTITITINI 152
Sikhotealinia 96
 SIKHOTEALINIIDAE 96
 SILAIRES 330
 SILINAE 54, 330
 SILINI 54, 330
Silis 330
Silluvia 238
 SILLUVINAE 238
Silpha 174
 SILPHALES 174
 SILPHIDAE 30, 167, 174, 175, 333
 SILPHINAE 30, 174
 SILPHOTELINI 31, 178
Silphotelus 178
Silusa 200
 SILUSAE 200
 SILUSINA 34, 200
 SILVANIDAE 59, 362, 840
 SILVANINAE 59, 363
Silvanus 362, 363
 SIMINI 187
Simo 139, 613
 SIMOINI 139, 613
Simous 139
Simplocaria 291, 889
 SIMPLOCARIATES 291
 SIMPLOCARINI 48, 291
Simus 187
Singhikalia 377
- SINGHIKALINI 377
 SINGILINI 135
 SINGILIOIMINIA 135
Singiliomimus 135
Singilis 135
Sinisilvana 353
 SINISILVANIDAE 58, 353
 SINODENDRIENS 232
 SINODENDRINI 232
Sinodendron 232
Sinodryopites 273
 SINODRYOPITIDAE 273
 SINOXYLIDAE 336
 SINOXYLINI 55, 336
Sinoxylon 336
 SINOLINI 22, 116
 SINOLINI 116
Sinozulus 116
Sintor 548
 SINTORIDES 548
 SINTORINI 81, 548
Siola 376
 SIOLAIRES 376
Sipalia 199
 SIPALIAE 199
 SIPALIDES 572
 SIPALINAE 572
 SIPALINI 572
 SIPALININAE 572
Sipalinus 572
Sipalus 572
 SISYPHAIRES 245
Sisyphus 245
 SISYPHINAE 245
 SISYPHINI 41, 245
Sisyphus 245
 SITARATES 442
 SITARINA 69, 442
 SITARINI 442
Sitaris 442
Sitona 615
Sitones 615
 SITONINI 91, 615
 SITONISIDAE 615
 SITOPHAGIENS 428
Sitophagus 428
 SITOPHILI 573
Sitophilus 572, 573, 891
 SKATTITOXENINI 35, 207
Skatitoxenus 207
Slipinskia 325
 SLIPINSKIINI 53, 325
 SLIPINSKIININA 325
 SLOANOGLYMMIINA 102
 SLOANOGLYMMIINI 20, 102
Sloanoglymmius 102
Slonik 542
 SLONIKINAE 80, 542
 SLONIKINI 80, 542
- SMICRIPIDAE 60, 368
 SMICRIPINI 368
Smicrips 368
 SMICRONYCHINI 2, 17, 87, 584, 841, 842, 871
 SMICRONYCHINA 584
Smicronyx 584, 841, 842
 SMODICI 481
 SMODICIDES 481
 SMODICINI 74, 481
Smodicum 481
 SOBARI 455
 SOBARINES 455
Sobarus 455
Sogda 169
 SOGDIIDAE 169
 SOGDINI 30, 169
 SOLENISCINAE 311
Soleniscus 311
 SOLENOCYCLEAE 231
 SOLENOCYCLINI 39, 231
Solenocyclus 231
 SOLENOGENYINA 21, 110
Solenogenys 110
 SOLENOPTERA 461
 SOLENOPTÉRIDES 461
 SOLENOPTERINI 72, 461, 462
 SOLIERINAE 37, 217
Solierius 217
Somatipion 189
 SOMATIPIONINA 33, 189
 SOMATIPIONINI 189
Somatodes 602, 613, 890
 SOMATODIDES 602, 613
 SOMATODINAE 602, 887
 SOMATODINI 602, 613
 SOMOPLATIDAE 125
 SOMOPLATIDES 125, 126
 SOMOPLATINI 125, 126
Somoplatus 125
 SOMOTRICHINI 136
Somotrichus 136
 SONNETIINI 589
Sonnetius 589
 SOPHORORHINAE 600
 SOPHORORHININI 600
 SOPHORORHINIDES 600
 SOPHORORHINIINI 89, 600
Sophororhinus 600
Sosteamorphus 294
 SOSYLOPSINI 60, 368
Sosylopsis 368
 SPALACOPSIDES 488
 SPALACOPSINAE 488
 SPALACOPSINI 488
Spalacopsis 488
 SPANGLEROGYRINAE 19, 99
Spanglerogyrus 99
 SPANIOPHAENI 360

- Spaniophaeus* 360
 SPAREDRIIDAE 435
Sparedrus 435, 857
Sparmannia 255
Sparrmannia 2, 18, 255, 860, 861
 SPARRMANNINI 255
Spastica 437, 438
 SPASTICINA 69, 437, 438
 SPASTICINI 69, 437
Spavius 360
Spelacobates 173
 SPELAEOBATINA 30, 173
Speleobama 188
 SPELEOBAMINI 32, 188
 SPERCEHINAE 27, 154
 SPERCEHINI 154
Spercheus 154
 SPERCHOPSINI 27, 157
Sperchopsis 157
 SPERMOPHAGIDAE 506, 507
 SPERMOPHAGINA 77, 506, 870, 881
 SPERMOPHAGINI 506
Spermophagus 506, 507
 SPHADASMIDES 595
 SPHADASMINI 88, 595
 SPHADASMINORUM 595
Sphadasmus 595
Sphaenelater 312
 SPHAENELATERINI 312
 SPHAENOTHECITAE 484
Sphaenothecus 484
Sphaenatrix 522
 SPHAERATRIKINI 522
 SPHAERICINI 56, 338
Sphaericus 338
 SPHAERIDIIDAE 153
 SPHAERIDIINAE 27, 157
 SPHAERIDIINI 28, 158
 SPHAERIDIOTA 157, 158
Sphaeridium 157, 158
 SPHAERIDOIDEA 961
 SPHAERIIDAE 471, 880, 885
 SPHAERINA 98, 99, 471
Sphaerion 471
 SPHAERIONINI 471
 SPHAERIOPEINI 87, 584
Sphaeriopocis 584
Sphaerites 158
 SPHAERITIDAE 28, 158
Sphaerium 471
Sphaerius 98, 99, 471, 892
 SPHAERIUSIDAE 19, 98, 99, 238, 880, 885, 888, 892
 SPHAERIUSOIDEA 19, 98
 SPHAEROCARINI 79, 532
Sphaerocharis 532
Sphaeroderma 526
 SPHAERODERMINI 526
Sphaerodes 139
 SPHAERODINI 139
 SPHAERONIA 219
Sphaeronium 219
Sphaeronum 219
 SPHAERONYCHINI 524, 525
Sphaeronychus 524, 525
 SPHAEROPALPITES 510
Sphaeropalpus 510
Sphaerosoma 370
 SPHAEROSOMINAE 370
Sphaerotrypes 633
 SPHAEROTRYPINI 633
 SPHALLOTTRICHINA 72, 468
Sphalotrichus 468
Sphenocorynes 573
 SPHENOCORYNI 573
 SPHENOCORYNIDES 573
 SPHENOCORYNINAE 573
 SPHENOCORYNINI 573
 SPHENOPHORIDES 573
 SPHENOPHORINI 85, 572, 573
Sphenophorus 573, 891
 SPHENOPTERA 283
 SPHENOPTÉRIDES 283
 SPHENOPTERINI 47, 283
 SPHÉRIDOTE 158
 SPHERIONIDES 471
 SPHINCTOVALGINAE 272
Sphinctovalgus 272
 SPHINDIDAE 58, 354, 355, 875, 888, 892
 SPHINDIDES 354, 355
 SPHINDINAE 58, 355
 SPHINDINI 355
 SPHINDIPHORINAE 58, 355
 SPHINDIPHORINI 355
Sphindiphorus 355
 SPHINDOCIINAE 63, 386
Sphindocis 386
Sphindus 354, 355, 892
Sphingnotus 503
 SPHODRIDAE 144
 SPHODRINA 25, 144
 SPHODRINI 25, 144
 SPHODROSOMINA 141
 SPHODROSOMINI 142
Sphodrosomus 142
Sphodrus 144
 SPHOEROCARIDES 532
Sphoerocarhis 532
Sphoerodes 139
Sphaeronychus 525
Sphuridaethes 196
 SPHURIDAETHINA 34, 196
Spilophora 265, 518
 SPILOPHORINA 44, 265, 518, 881, 885
 SPILOPHORINI 79, 265, 518, 881, 885
 SPILOPHORITAE 518
 SPILOPHORITES 518
Spilophorus 265, 518
Spilopyra 539
 SPILOPYRINAE 79, 539
 SPILOPYRITAE 539
 SPILOPYRITES 539
 SPINGNOTHITAE 503
Spingnotus 503
Spintheria 481
 SPINTHÉRIIDES 481
 SPINTHERIINI 74, 481
 SPINTHEROPHYTA 537
 SPODOCHLAMYDINI 8, 257
Spodochlamys 8, 257
 SPONDYLIDINAE 72, 464
 SPONDYLIDINI 72, 465
 SPONDYLII 464, 465
Spondylus 464, 465
 SPONGOCERINAE 637
Spongocerus 637
 SPURINAE 231
Spurius 231
 STAGOBIIINA 172
 STAGOBIIINAE 172
 STAGOBIIINI 171, 873
Stagobius 172
 STAMINODEINA 86, 578
Staminoderus 578
 STAMNODERES 221
Stamnoderus 221
 STAPHYLINIAE 162, 174, 221, 222, 223
 STAPHYLINIDAE 1, 2, 15, 17, 30, 115, 142, 174, 177, 185, 211, 222, 223, 225, 229, 640, 875, 876, 885, 886, 888, 892, 893, 895
 STAPHYLINI 174, 223
 STAPHYLININA 38, 223
 STAPHYLININAE 38, 221
 STAPHYLININI 38, 222, 640
 STAPHYLINOIDEA 7, 15, 28, 162, 225, 371
Staphylinus 162, 174, 221, 222, 223, 893
Statira 399
 STATIRINA 64, 399
Statyna 399
 STATYRINA 399
 STATYRINI 399
 STATYRITES 399
 STEATODERIDAE 317
Steatoderus 317
 STEGObIINI 340
Stegobium 340
Stellognatha 501
 STELOGNATHITES 501
 STENAESTHETINI 37, 217

- Stenaesthetus* 217
Stenalia 390
 STENALINI 63, 390
 STÉNASPIDES 484
 STENASPIDIINI 38, 227
 STENASPIDINAE 484
Stenaspidius 227
 STENASPINI 484
Stenaspis 484
 STENELMINA 49, 293
 STENELMINI 293
Stenelmis 293
 STENELMISATES 293
 STENHOMALINI 74, 481
Stenbomalus 481
 STENICHNINI 215
Stenichnus 215
 STENIDAE 216
 STENINAE 37, 216
Steno 216
Stenobia 501
 STENOBIINI 77, 501
 STENOCERINAE 548
 STENOCERINARUM 548
 STENOCERINI 81, 548
Stenocerus 548
Stenochia 431, 433
 STENOCHIADAE 431, 433
 STENOCHIINAE 68, 431
 STENOCHIINI 68, 433
 STENOCORIDAE 463, 477
 STENOCORITAE 463, 477
Stenocorus 463, 477, 889
 STENOCORYNINI 618
Stenocorymus 618
Stenocyphon 274
 STENOCYPHONINAE 45, 274
Stenoder 443, 482
 STENODERINAE 482
 STENODERINI 69, 74, 443, 481,
 482, 870, 880, 883
 STÉNODÉRITES 481
Stenoderus 443, 481, 482
Stenodontes 459
 STENODONTINA 459, 880
 STÉNODONTINES 459
 STENODONTINI 459, 880
Stenodontus 459
Stenogenius 407
 STENOLAMINA 420
Stenolamus 420
 STENOLOPHIDAE 131
 STENOLOPHINA 24, 131
Stenolophus 131
Stenomela 539
 STENOMELINAE 539
 STENOMELINI 539
 STENOMÉLITES 539
 STENOMORPHIDAE 129
- Stenomorphus* 129
 STENOPELMI 576
 STENOPELMINI 85, 576
Stenopelmus 576
Stenophanes 432
 STENOPHANINI 432
 STENOPTERIDAE 482
 STENOPTERINI 75, 482
Stenopterus 482
Stenoria 442
 STENORIIDES 442
 STENOSCELIDES 597
Stenoscelis 597
 STENOSIDAE 411
 STÉNOSIDES 411
 STENOSINI 66, 411, 877
Stenosis 411
 STENOSPHEININI 471
Stenosphenus 471
Stenostoma 8, 436
 STÉNOSTOMATES 436
 STENOSTOMATIDAE 436
 STENOSTOMATINI 8, 68, 436
 STENOSTOMINI 436
Stenotarsia 268, 269
 STENOTARSIDEN 268, 269
 STENOTARSINA 44, 269
 STENOTARSINI 44, 268, 270
 STENOTARSINA 270
 STENOTARSINAE 61, 373
 STENOTARSINI 373
 STÉNOTARSITES 373
Stenotarsus 373
 STENOTRACHELIDAE 68, 434
 STENOTRACHELINAE 68, 434
Stenotrachelus 434
 STENOTRICHINI 417
Stenotrichus 417
Stenus 216
 STEPHANOCEPHALEAE 231
 STEPHANOCEPHALINI 231
Stephanocephalus 231
 STEPHANORHYNCHINA 581
Stephanorhynchus 581
 STEPHANORRHINA 266
 STEPHANORRHININA 266
 STEREINA 169
Stereocorymes 597
 STEREOCORYNINA 597
 STEREOCORYNINI 597
 STEREODERMINA 84, 564
Stereodermus 564
 STEREOLIA 306
Stereolus 306
Stereomera 241
 STEREOMERINI 40, 241
Stereus 169
 STERNACANTHITAE 484
Sternacanthus 484
- STERNÉCHIDES 630
 STERNECHINA 630
 STERNECHINI 92, 630
 STERNECHOSOMINI 628
Sternechosomus 628
Sternechus 630
Sternocera 277
 STERNOCERINI 277
Sternodea 360
 STERNODEINI 360
Sternodonta 502
 STERNOPRISCINI 152
Sternopriscus 152
 STERNOTOMINI 77, 501
Sternotomis 502
 STERNOTOMITAE 502
Sternuchopsis 627
Steropes 447
 STEROPINA 447
 STEROPINAE 70, 447, 878
 STÉROPITES 447
 STETHASPIDIDAE 248
 STETHASPINI 248
 STETHASPINI 248
Stethaspis 248, 892
Stethodesma 267
 STETHODESMAE 267
 STETHORINI 62, 381
Stethorus 381
 STICHOLOTIDINI 62, 381
 STICHOLOTINI 381
Sticholotis 381
Stictocema 531
 STICTOCEMITES 531
 STIGMATRACHELINI 605
Stigmatrachelus 605
Stigmodera 286
 STIGMODERIDAE 286
 STIGMODÉRIDES 286
 STIGMODERINI 47, 286
 STILBINI 364
Stilbus 364
 STILICI 220
 STILICINA 37, 220
 STILICOPSES 221
 STILICOPSINA 37, 221
Stilicopsis 221
Stilicus 220
 STILIPALPINA 31, 179
Stilipalpus 179
 STILPNONOTINAE 443
Stilpnonotus 443
 STIZOPIDES 419
 STIZOPINI 419
Stizopus 419
 STOLAINI 516
Stolas 516
 STOLINAE 68, 434
Stolius 434

- STOMIDAE 143
Stomis 143
 STOREIDAE 584
 STOREIDES 584
 STOREINI 87, 584
Storeus 584
 STORTHODONTINA 21, 111
 STORTHODONTINI 111
Storthodontus 111
Strangalia 462
 STRANGALINI 462
Strangaliodes 618
 STRANGALIOIDES 618
 STRANGALIODIDES 618
 STRANGALIODINI 617, 618
 STRATEGIDAE 261
Strategus 261
 STREPTOCERINI 39, 233
Streptocerus 233
Striatoquasimus 316
 STRIATOQUASIMUSINA 52, 316
 STRIATOQUASINA 316
Strigota 193
 STRIGOTAE 193
 STROMBOCERINAE 574
 STROMBOPHORINI 633
Strombophorus 633
 STROMBOSCERIDES 574
 STROMBOSCERINAE 85, 574
Stromboscerus 574
 STRONGYLIDAE 366
 STRONGYLIDES 433
 STRONGYLIINI 433
 STRONGYLINAE 366
Strongylium 433
 STRONGYLOPTERIDES 600
 STRONGYLOPTERIDINA 600
 STRONGYLOPTERINI 600
Strongylopterus 600
 STRONGYLURIDES 482
 STRONGYLURINAE 482
 STRONGYLURINI 75, 482
Strongylurus 482
Strongylus 366
Strophosoma 604
 STROPHOSOMIDAE 604
Strophosomum 604
 STYANACINAE 630
 STYANACINI 92, 630
Styanax 630
 STYLOPODINAE 214
Stylopodus 214
 STYLOSOMINA 79, 533
 STYLOSOMINI 534
 STYLOSOMITES 533, 534
Stylosomus 533
 STYPLIDAE 585
 STYPLINI 87, 585
 STYPLOMERINI 121
Styplomerus 121
Styplus 585
Subcoccinella 378
 SUBCOCCINELLINI 378
Submera 137
 SUBMERINI 137
Subprotelater 319
 SUBPROTELATERINAE 52, 319
 SUEINAE 635
Sueus 635
Sugimotaa 137
 SUGIMOTOINA 24, 137
Sukunahikona 374
 SUKUNAHIKONINI 61, 374
 SUMNIINI 376
Sumnius 376
 SUNIINA 218, 875
Suniops 556
 SUNIOPSINA 556
Sunius 218
Suphis 148
 SUPHISINI 148
 SVETLANAEBYCTISCINA 83, 559
Svetlanaebytiscus 559
 SYBARIDES 440
Sybaris 440
Sybillia 467
 SYDACINI 474
Syldax 474
 SYLLITAE 482
Syllitus 482
 SYLVANIDAE 362, 363
 SYMMATHETES 611
 SYMMATHETES 611
 SYMMERARIAE 638
Symmerus 638
 SYMMIXINI 191
Symmixus 191
 SYMPIEZOPIDES 594
 SYMPIEZOPINORUM 594
Sympiezopus 594
 SYMPIEZOSCELIDES 600
 SYMPIEZOSCELIDES 600
 SYMPIEZOSCELINI 600
Sympiezoscelus 600
Sympolemon 206
 SYMPOLEMONINI 206
 SYNAPIINA 84, 568
Synapion 568
 SYNAPTIDAE 318
 SYNAPTINI 52, 318
 SYNAPTONYCHIDES 618
 SYNAPTONYCHINI 617
 SYNAPTONYCIDES 618
Synaptonyx 618
Synaptops 556
 SYNAPTOPSINA 556
Synaptus 318
Syncalypta 291, 292
 SYNCALYPTAIRES 291, 292
 SYNCALYPTINAE 48, 291, 292
 SYNCALYPTINI 48, 292
Synchita 394
 SYNCHITAE 394
 SYNCHITINI 64, 394
Synchroa 434
 SYNCHROAE 434
 SYNCHROIDAE 68, 434
 SYNCHROIDES 434
 SYNCOSMETINA 63, 386
Syncosmetus 386
 SYNDESIDAE 232
 SYNDESINAE 39, 232
Synderus 232
 SYNDICINI 215
Syndicus 215
Synechocera 289
 SYNECHOCERINA 48, 289
 SYNERCTICINAE 69, 444
Synercticus 444
Syneta 539
 SYNETAEE 539
 SYNETIDAE 539
 SYNETINAE 79, 539
 SYNIRMINI 618
Synirmus 618
 SYNCHODAEINAE 236
 SYNCHODAEINI 40, 236
Synchodaeus 236
 SYNODITULINI 28, 162
Synoditulus 162
Synonycha 377
 SYNONYCHINI 377
 SYNOPHTHALMIDES 593
 SYNOPHTHALMINI 593
Synophthalmus 593
Syntelia 158
 SYNTELIIDAE 28, 158
 SYNTOMIINAE 212
 SYNTOMINI 135
Syntomium 212
Syntomus 135
 SYNUCHI 145
 SYNUCHINA 25, 145
Synuchus 145
 SYPHORBINA 626
Syphorbis 626
 SYSOLINI 60, 368
Sysolis 368
 SYSTELLOPIDES 254
 SYSTELLOPINI 42, 254
Systellopus 254
Systena 525, 526
 SYSTENAE 525, 526
 SYSTENINI 526
 SYSTENOCERINI 235
Systenocerus 235
Systolosoma 101

- SYSTOLOSOMINI 101
 SYZETONININA 70, 449
 SYZETONININI 449
Syzetoninus 449
 TACHINARIAE 191
 TACHINIDAE 191, 886
Tachinus 191, 892
 TACHINUSIDAE 191, 886, 888
 TACHYAIRES 114
 TACHYGONIDES 584
 TACHYGONINA 87, 584
 TACHYGONINAE 584
Tachygonus 584
 TACHYINA 22, 114
 TACHYINI 114
 TACHYORYCTIDIINI 369
Tachyoryctidium 369
 TACHYPORIDAE 190, 191, 888
 TACHYPORINAE 33, 190
 TACHYPORINI 2, 17, 33, 191
Tachyporus 142, 190, 191, 893
 TACHYPTERELLINA 579
Tachypterellus 579
Tachys 114, 889
Tachysa 205, 893
 TACHYUSIDES 205
 TACHYUSINA 35, 205
 TACHYUSINI 203
 TADIINI 85, 576
Tadius 576
 TAENIO CERINI 637
Taeniocerus 637
Taeniodera 270
 TAENIODERINA 44, 270
 TAENIODERINI 44, 270
 TAENIONCINI 60, 366
Taenioncus 366
Taeniotus 496
 TAENIOTITAE 496
Taenia 411
 TAGENIDAE 411
 TAGENIIDAE 411
 TAGENINI 411, 877
 TAGÉNITES 411
 TAINOPHTHALMIDAE 616
 TAINOPHTHALMINA 91, 616
Tainophthalmus 616
 TALANIDES 433
 TALANINI 68, 433, 877
Talanus 433
 TALDYCUPEDIDAE 18, 94
Taldycupes 94
 TALDYCUPIDAE 94
 TAMOTINI 216
Tamotus 216
 TAMULIDAE 352
Tamulus 352
 TANAITAE 85, 570
 TANAONIDES 570
Tanaos 570
 TANYGNATHINI 224
 TANYGNATHININA 38, 224
 TANYGNATHININI 224
Tanygnathinus 224
Tanygnathus 224
 TANYMÉCIDES 616
 TANYMECINA 91, 616
 TANYMECINI 91, 616
Tanymecus 616
 TANYPLEURINI 187
Tanypleurus 187
 TANYPROCTINA 42, 254
 TANYPROCTINI 42, 254
Tanyproctus 254
 TANYRHYNCHIDES 616
 TANYRHYNCHINI 91, 616
Tanyrhyrchus 616
 TANYSPHYRIDAE 576
 TANYSPHYRINI 85, 576
Tanyspyrus 576
 TAPEINA 502
 TAPEININI 77, 502
 TAPEINITAE 502
 TAPEINITES 502
Taphes 321
 TAPHINI 53, 321
 TAPHININA 321
Taphroderes 564
 TAPHRODÉRIDES 564
 TAPHRODERINAE 564
 TAPHRODERINI 84, 564
Taphropiestes 363
 TAPHRORYCHINI 633
Taphrorychus 633
 TAPIROMIMINI 89, 598
Tapiromimus 598
 TARIDAE 134
 TARPHIINAE 394
Tarphius 394
 TARQUININAE 229
Tarquinius 229
 TARSOSTENINAE 348
 TARSOSTÉNITES 348
 TARSOSTENNINAE 348
Tarsostenus 348
Tarus 134
 TASMOSALPINGIDAE 59, 365
 TASMOSALPINGINAE 365
Tasmosalpingus 365
Taurocerastes 226
 TAUCERASTIDAE 226
 TAUCERASTINAE 38, 226
Tauroma 517
 TAUROMINI 517, 871
 TAUROMITAE 517
 TAUROMITES 517
Taxicera 195
 TAXICERINA 33, 195
Techmessa 445
 TECHMESSINAE 445
 TEFFLINA 25, 139
 TEFFLINI 139
Tefflus 139
Tegrodera 439
 TEGRODERINI 439
 TELEDAPINAE 463
 TELEDAPINI 72, 463
Teledapus 463
 TELEGEUSIDAE 53, 326
Telegeusis 326
 TELEPHANIDAE 362
 TELEPHANINI 59, 362
Telephanus 362
 TELEPHORIDAE 330, 869
 TELEPHORIDES 330
 TELEPHORINAE 330
 TELEPHORINI 330
Telephorus 330
 TELMATOPHILIDES 360
 TELMATOPHILINI 360
Telmatophilus 360
 TELOCHILINA 44, 265
Telochilus 265
Telsimia 381
 TELSIMIINI 62, 381
 TEMNOCERINA 83, 561
Temnocerus 561
Temnochila 345
 TEMNOCHILINI 345
Temnoscheila 345
Temnostega 114
 TEMNOSTEGINI 114
Tenebrio 384, 397, 413, 425
 TENEBROIDES 345
 TENEBROIDINI 345
 TENEBRIONIDAE 2, 4, 15, 17, 64,
 133, 397, 400, 404, 415, 433,
 640, 862, 863, 864, 865, 876,
 877, 886, 893
 TENEBRIONINAE 66, 413, 864
 TENEBRIONINI 67, 425
 TENEBRIONITES 384, 397, 413, 425
 TENEBRIONIDEA 15, 62, 384, 640,
 855, 857, 858, 864
 TENEBROIDES 343, 344, 345
Tentyria 411, 893
 TENTYRIDAE 411
 TENTYRIINI 66, 411, 862
Tephraea 263
 TEPHRAEIDES 263
 TEPLININI 62, 383
Teplinus 383
 TERAMBIDAE 467
Terambus 467
 TEREDINAE 60, 368
 TEREDINI 60, 368, 369
Teredus 368, 369

- TERETICI 462
 TĒRĒTICIENS 462
 TERETICINI 72, 462
Tereticus 462
 TERETRIINAE 159
 TERETRIINI 28, 159
Teretrius 159
Termitella 196
 TERMITELlici 196
Termitochara 196
 TERMITOCHARINA 34, 196
 TERMITOCUPIDINA 34, 196
Termitocupidus 196
 TERMITODERINI 40, 241
Termitoderus 241
 TERMITODISCINA 35, 207
 TERMITODISCINI 35, 207
Termitodiscus 207
Termitogaster 196
 TERMITOGASTRI 196
 TERMITOGASTRICI 196
 TERMITOGASTRINA 34, 196
Termitohospes 8, 207
 TERMITOHOSPINI 207
 TERMITOHOSPITINA 36, 207
 TERMITOHOSPITINI 8, 36, 207
 TERMITOICEINA 34, 196
Termitoiceus 196
 TERMITOMIMINI 195
Termitomimus 195
 TERMITONANNINA 36, 208
 TERMITONANNINI 36, 207, 208
Termitonannus 207, 208
Termitonda 208
 TERMITONDINA 208
Termitopaedia 208
 TERMITOPAEDIINI 36, 208
 TERMITOPITHINA 34, 196
Termitopithus 196
 TERMITOPSENINI 208
Termitopsenius 208
 TERMITOPTOCHINA 34, 196, 197
 TERMITOPTOCHINI 196, 197
Termitoptochus 196, 197
 TERMITOSPECTRINA 36, 208
Termitospectrum 208
 TERMITOTELINA 33, 195
Termitotelus 195
 TERMITOTROGINAE 40, 242
 TERMITOTROGINI 242
Termitotrox 242
Termitozyrias 202
 TERMITOZYRINA 35, 202
Termitusa 208
 TERMITUSAE 208
 TERMITUSINA 36, 208
 TERMITUSINI 36, 208
Tessaromma 482
 TESSAROMMATINI 75, 482
- TESSAROMMIDES 482
 TESSEROCERINA 93, 638
 TESSEROCERINAE 638
 TESSEROCERINI 93, 638
Tesserocerus 638
 TESSĒROMMIDES 482
 TETRABRACHINAE 382
 TETRABRACHINI 62, 381
Tetrabrachys 382
Tetracha 105
 TETRACHAE 105
 TETRADELI 176
Tetradelus 176
Tetradonia 202
 TETRADONIAE 202
 TETRAGONODERIDAE 125
 TĒTRAGONODĒRIDES 125
Tetragonoderus 125
 TETRALOBINAE 311
 TETRALOBINI 51, 310
 TETRALOBITAE 311
 TETRALOBITES 310
Tetralobus 310, 311
 TETRAMEROPSEINAE 62, 384
 TETRAMEROPSINAE 384
Tetrameropsis 384
 TETRAONYCIDAE 441
 TĒTRAONYCINAE 69, 441
Tetrasonyx 441
Tetraopes 502
 TĒTRAOPESITAE 502
 TETRAOPHTHALMINI 489
 TĒTRAOPHTHALMITES 489
Tetraophtthalmus 489
 TETRAOPINI 77, 502
 TĒTRAPHALERINAE 18, 95
 TĒTRAPHALERINI 95
Tetraphalerus 95
Tetratoma 387
 TETRATOMAEDES 387
 TĒTRATOMIDAE 63, 387
 TETRATOMINAE 63, 387
Tetraulax 502
 TĒTRAULAXINI 77, 502
 TĒTROPIDES 502
 TĒTROPINI 464
 TĒTROPINI 77, 502
Tetropium 464, 465, 889
Tetrops 502
Thalassa 379
 THALASSAIRES 379
 THALASSELEPHANTINI 625
Thalasselephas 625
 THALASSOPHILI 116
Thalassophilus 116
Thalia 143
 THALIABARIDINA 87, 587
 THALIABARINI 587
Thaliabaris 587
- THALIADAE 143
Thallisella 357
 THALLISELLINI 58, 357
Thalydra 367
 THALYCRINA 367
Thamianaea 195
 THAMIARAENA 33, 195
 THAMIARAENI 195
 THAMNOPHILIDES 621
Thamnophilus 621
 THAMNURGINAE 633
Thamnurgus 633
 THANASIMIIDAE 347
Thanasimus 347
 THANEROCLERIDAE 57, 346
 THANEROCLERINAE 57, 346
 THANEROCLERINI 57, 346
Thaneroclerus 346
 THAUMAPHRASTINAE 334
 THAUMAPHRASTINI 55, 334
Thaumaphrastus 334
 THAUMASIDAE 483
 THAUMASTOCEPHALINI 31, 179
Thaumastocephalus 179
 THAUMASTODINAE 49, 295
Thaumastodus 295
Thaumasus 483
 THĒCESTERNIDES 617
 THĒCESTERNINAE 617
 THĒCESTERNINI 91, 617
Thcecternus 617
Thecturota 200
 THECTUROTAE 200
Thelydrias 334
 THELYDRIINI 334
 THEOCERINA 181
 THEOCERINI 181
Theocerus 181
 THĒOCRIDES 502
 THEOCRIDINI 502
 THEOCRINAE 502
 THEOCRINI 77, 502
Theocris 502
Theone 527
 THEONINA 527
Theope 529
Theopea 529
 THEOPEIDAE 529
 THEOPEINA 529
 THĒOPĒITES 529
Therates 104
 THERATIDAE 104
 THERATINA 20, 104
 THERMONECTINI 150
Thermonectus 150
Thesilea 433
 THESILEINI 433
 THILMANINAE 52, 320
 THILMANINI 52, 320

- Thilmanus* 320
 THINOBATIDES 412
 THINOBATINI 66, 412
Thinobatis 412
 THINOBIDES 212
Thinobius 212, 213
 THINODROMINI 213
Thinodromus 213
 THINOPININAE 224
Thinopinus 224
Thinorycter 246
 THINORYCTERINA 246
 THINORYCTERINI 41, 246
Thione 359
 THIONINAE 359, 856
 THIONINI 59, 359
Thisia 443
 THISIINA 443
Thomasetia 286
 THOMASSETINA 47, 286
 THOMASSETINI 47, 286
 THONALMINI 53, 325
Thonalmus 325
 THORACOPHORINA 36, 211
 THORACOPHORINAE 210, 211
 THORACOPHORINI 36, 210
Thoracophorus 210, 211
Thoraxophorus 210, 211
 THORICTIDES 334
 THORICTINAE 55, 334
 THORICTINI 55, 334
Thorictodes 334
Thorictosoma 404
 THORICTOSOMATINA 65, 404
Thorictus 334
 THRANIINI 75, 483
Thranus 483
Thrinacopyge 279
 THRINACOPYGINI 46, 279
 THROMBOSTERNINA 91, 624
Thrombosternus 624
 THROSCIDAE 2, 17, 51, 306, 865, 866, 867, 877
 THROSCITES 306
 THROSCOGENINAE 306
 THROSCOGENIINI 51, 306
Throscogenius 306
 THROSCOIDAE 306
Throscus 306, 865, 866
 THRYPTOCERINI 139
Thryptocerus 139
Thylacites 604
 THYLACITIDAE 604
 THYLACOSTERNINAE 51, 311, 872
Thylacosternus 311
Thylodrias 334
 THYLODRIINI 55, 334
 THYMALINI 57, 344
 THYMALITES 344
- Thymalus* 344
 THYREOPTERIDAE 136
 THYRÉOPTÉRIDES 136
 THYREOPTERINI 136
Thyreopterus 136
Thyroderus 370
Thyrsia 483
 THYRSIINI 75, 483
 THYSANOTINI 136
Thysanotus 136
 THYSDARIINA 31, 181
 THYSDARIINI 181
Thysdarius 181
Tichonia 142
 TICHONIINI 142
Tichonilla 142
 TICHONILLINA 142
 TILLII 346
 TILLINAE 57, 346
Tillomorpha 483
 TILLOMORPHIDES 483
 TILLOMORPHINAE 483
 TILLOMORPHINI 75, 483
Tillus 346
Timarcha 522
 TIMARCHAE 522
 TIMARCHAEINES 522
 TIMARCHINI 79, 522
Timarchopsis 147
 TIMEPARTHENINA 34, 197
 TIMEPARTHENINI 197
Timeparthenus 197
Timola 580
 TIMOLINA 86, 580
Tiphysa 379
 TIPHYSAIRES 379
 TIRACERINI 31, 181
Tiracerus 181
Tisiphone 368
 TISIPHONINAE 368
Titaena 425
 TITAEINI 67, 425
 TITANITAE 461
Titanus 461
 TMESIPHORINI 33, 189
Tmesiphorus 189
 TMESISTERNINI 77, 503
 TMESISTERNITAE 503
Tmesisternus 503
 TMESORRHINA 266
 TMESORRHINAE 266
 TOLYPHINI 364
Tolyphus 364
 TOMICIDAE 634, 635
 TOMICINI 634, 635, 882
Tomicus 634, 635, 890
 TOMODERINAE 70, 448
 TOMODERINI 448
Tomoderus 448
- TOMORHINI 610
Tomorhinus 610
Tomyrus 535
 TOMYRITAE 535
 TOMYRITES 535, 536
 TONERINI 26, 148
Tonerus 148
Tonesia 589
 TONESIINA 87, 589, 871
Tophoderes 548
 TOPHODÉRIDES 548
 TOPHODERINAE 548
 TOPHODERINI 81, 548
 TORAMINAE 357
 TORAMINI 58, 357
Toramus 357
 TORCINA 87, 587
 TORCOCINA 587
Torcus 587
 TORMISSINI 28, 158
Tormissus 158
Torneuma 600
 TORNEUMATINI 89, 600
Torneutes 483
 TORNEUTINI 75, 483
 TORNEUTITAE 483
 TORRENTOMI 213
Torrentomus 213
Torridincola 98
 TORRIDINCOLIDAE 19, 98
 TORRIDINCOLINAE 19, 98
 TOSTEOPTERA 252
 TOSTEOPTERAE 252
Tourmotaris 576
Taxeutes 581
 TOXICIDAE 426
 TOXICIDEN 425, 426
 TOXICINA 67, 426
 TOXICINI 67, 425
Toxicum 425, 426, 440
 TOXIDIINI 210
Toxidium 210
Toxodera 212
 TOXODERI 212
 TOXODERINI 212, 886
Toxoderus 212
 TOXOGNATHINAE 319
Toxognathus 319
Toxorhinus 572
 TOXORHYNCHINAE 561
 TOXORHYNCHINI 83, 561
Toxorhynchus 561
 TOXOSCELINA 48, 289
Toxoscelus 289
 TOXOTAIRES 463
Toxotes 463
 TOXOTI 463
 TOXOTIDAE 463, 880
Toxotus 463


- TRABISINA 179
Trabisus 179
 TRACHEIDAE 289, 290, 887
 TRACHEINA 48, 290
 TRACHEINAE 287
 TRACHEINI 48, 289
Trachelismus 557
 TRACHÉLIZIDES 564, 566
 TRACHELIZINA 84, 566
 TRACHELIZINAE 566
 TRACHELIZINI 84, 564, 566
Trachelizus 564, 566
Trachelonia 105
 TRACHELONIADAE 105
 TRACHELOPHORINI 83, 557
Trachelophorus 557
 TRACHELOSTENIDAE 64, 396
 TRACHÉLOSTÉNIDES 396
 TRACHELOSTENINI 396
Trachelostenus 396
 TRACHINOTINAE 410
Trachinotus 410
 TRACHISIDAE 289, 290
Trachodes 630
 TRACHODINI 92, 630
 TRACHODISIDAE 630
 TRACHYCUPIIDAE 94
Trachyderes 483
 TRACHYDÉRIDES 483
 TRACHYDERINA 75, 483
 TRACHYDERINI 75, 483
 TRACHYDERITAE 483
Trachykele 284
 TRACHYKELINA 47, 284
 TRACHYNOTIDAE 410
 TRACHYNOTIDES 410
 TRACHYNOTINA 66, 410
 TRACHYNOTINAE 410
 TRACHYNOTOIDAE 410
Trachynotus 410
 TRACHYPACHIDAE 20, 100, 836, 837
 TRACHYPACHINAE 20, 101
 TRACHYPACHINI 100, 101
Trachypachus 100, 101
 TRACHYPHILINA 91, 617
Trachyphilus 617
 TRACHYPHLOEIDAE 617
 TRACHYPHLOEINA 91, 617
 TRACHYPHLOEINI 91, 617
Trachyphloeus 617
 TRACHYPHOLOINI 395
Trachypholis 8, 395
Trachys 278, 289, 290, 889
Trachyscelida 431, 530
 TRACHYSCELIDAE 431
 TRACHYSCELIDES 431
 TRACHYSCELIDITES 530
 TRACHYSCELINI 68, 431
Trachyscelus 431
- TRACHYSIDES 290
Tragocephala 503
 TRAGOCEPHALINI 77, 503
 TRAGOCEPHALITAE 503
 TRAGOCEPHALITES 503
 TRAGOCERINAE 484
 TRAGOCERINI 75, 484
Tragocerus 484
Tragosoma 459
 TRAGOSOMITAE 459
 TRAGOSOMITES 459
 TRECHICHINAE 140
Trechichus 140
Trechicus 140
 TRECHII 113, 114, 115
 TRECHINA 22, 115
 TRECHINAE 22, 113, 879
 TRECHINI 22, 114
Trechodes 7, 115
 TRECHODINA 7, 22, 115
 TRECHODINI 115
Trechus 113, 114, 115
 TRETOTHORACIDAE 446
Tretothorax 446
 TRIACRI 224
Triacrus 224
 TRIADOCUPEDIDAE 19, 96
 TRIADOCUPEDINAE 96
Triadocupes 96
 TRIAPLIDAE 26, 147
Triaplus 147
 TRIARTHRIIDAE 169, 883
 TRIARTHRIINI 169, 883
Triarthron 169
Triarthrus 169
 TRIBACOGENICI 106
 TRIBALINAE 28, 160
 TRIBALINI 160
Tribalus 160
Tribax 106
 TRIBOLIIDAE 426
 TRIBOLIINI 67, 426
Tribolium 426, 893
Tribolocara 412
 TRIBOLOCARIDES 412
 TRIBOLOCARINI 412
 TRICHALINA 53, 325
 TRICHALINAE 325
Trichalus 325
 TRICHAPINA 84, 569
Trichapion 569
Trichelodes 334
 TRICHELODINI 334
Trichia 270
 TRICHIADAE 270, 271
 TRICHIDES 271
 TRICHIINA 44, 271
 TRICHIINAE 270, 885
 TRICHIINI 44, 262, 270, 885
- TRICHINA 24, 137
 TRICHINI 137
 TRICHINORHIPIDINA 47, 287
Trichinorhipis 287
Trichis 137
Trichispa 515
 TRICHISPITES 515
Trichius 2, 17, 270, 271, 892
Trichochrysea 536
 TRICHOCHRYSEINI 536
Trichoda 347
Trichodes 347, 890
 TRICHODINA 347, 881
 TRICHODINI 347, 881
 TRICHODITES 347
 TRICHODOCERIDES 595
 TRICHODOCERINI 88, 595
Trichodoerus 595
Trichomesia 485
 TRICHOMESINI 75, 485
Trichomicra 194
 TRICHOMICRINA 194
 TRICHONYCHINA 32, 184
 TRICHONYCHINI 8, 32, 183
 TRICHONYIDES 183, 184
Trichonyx 8, 183, 184
Trichophya 191
 TRICHOPHYINAE 33, 191
 TRICHOPHYINI 191
 TRICHOPLINA 44, 265
Trichoplus 265
 TRICHOPELAPHINI 129
Trichopelaphus 129
 TRICHOPESENI 208
 TRICHOPESENIINI 36, 208
Trichopsenius 208
 TRICHOPTERYGIA 166
Trichopteryx 8, 165, 166
 TRICHOPTICHNINI 130
Trichotichnus 130
 TRICOLEIDAE 19, 97
Tricleus 97
Tricondyla 105
 TRICONDYLIINA 20, 105
 TRICORYNINAE 341
 TRICORYNIINI 56, 341
Tricorynus 341
Tricrania 442
 TRICRANIIDES 442
Trictenotoma 444
 TRICTENOTOMIDAE 69, 444
 TRICTÉNOTOMIDES 444
Trientoma 406
 TRIENTOMINI 406
Trigonobregma 213
 TRIGONOBREGMINI 213
 TRIGONOCOLIDES 630
 TRIGONOCOLINAE 630
 TRIGONOCOLINI 92, 630

- Trigonocolus* 630, 631
Trigonodactyla 132
 TRIGONODACTYLIDAE 132
 TRIGONODACTYLIENS 132
 TRIGONODACTYLINI 132, 870
 TRIGONOGENINI 47, 286
Trigonogenium 286
Trigonognatha 143
 TRIGONOGNATHIDES 143
 TRIGONOPAIRES 423
 TRIGONOPINA 423
 TRIGONOPODINA 423
 TRIGONOPTERA 503
 TRIGONOPTERINI 503
Trigonopus 423
 TRIGONORHININI 81, 548
Trigonorhinus 548
Trigonoscuta 609
 TRIGONOSCUTAE 609
 TRIGONOSUTINI 609
 TRIGONOSTOMIDAE 256, 885
 TRIGONOSTOMINA 256, 885
Trigonostomum 256
Trigonostomus 256, 892
 TRIGONOSTOMUSINA 42, 256, 885, 888
Trigonotom 143
Trigonotoma 143
 TRIGONOTOMITES 143
 TRIGONURIDES 209
 TRIGONURINAE 36, 209
Trigonurus 209
 TRILOBITIDEIDAE 208
 TRILOBITIDEINI 36, 208
Trilobitideus 208
Trilobocara 412
 TRILOBOCARINI 66, 412
 TRIMERINAE 122
Trimerus 122
 TRIMI 184
 TRIMIINA 32, 184
Trimidytes 184
 TRIMODYTINA 184
Trimium 184
 TRIMYTINI 406
Trimytis 406
Trinodes 334
 TRINODINAE 55, 334
 TRINODINI 55, 334
 TRINOPARVINI 55, 334
Trinoparus 334
 TRIOROPHI 406
Triorophus 406
 TRIPHYLLINI 385
Triphyllus 385
 TRIPLACINAE 358
Triplax 358
 TRISIGNINA 183
Trisignis 183
- Tristaria* 337
 TRISTARIINI 337
 TRITARISIDAE 19, 99
Tritarius 99
 TRITARUSIDAE 99
Tritoma 358, 385, 891
 TRITOMIDAE 358, 385
 TRITOMINI 59, 358
 TRIXAGIDAE 306
Trixagus 306, 865, 866
 TROCHALINA 42, 254
 TROCHALINAE 254
Trochalus 254
 TROCHOIDEIDAE 372
 TROCHOIDEINAE 372
 TROCHOIDEITES 372
Trochoideus 372
Trogaster 184
 TROGASTRINA 32, 184
 TROGASTRINI 32, 184
 TROGIDAE 8, 39, 231
 TROGINAE 39, 231
 TROGLODERINA 414
Trogloclerus 414
 TROGLOPATES 352
Troglops 352
 TROGOCRYPTINAE 446
Trogocryptus 446
Trogoderma 335
 TROGODERMATES 335
Trogodes 265
 TROGODINA 44, 265
 TROGONOTOMIDAE 143
 TROGOPHLEAIRES 212
 TROGOPHLOEINA 212, 213
Trogophloeus 212
Trogossita 343, 344, 345
 TROGOSSITARII 343, 344, 345
 TROGOSSITIDAE 2, 18, 56, 343, 383, 867, 868, 877, 893
 TROGOSSITINAE 57, 344
 TROGOSSITINI 57, 345
 TROGOSSITOIDEA 343
 TROGOXYLINI 56, 337
Trogoxylon 337
 TROPICINI 49, 295
Tropicus 295
Tropideres 548
 TROPIDÉRIDES 548
 TROPIDERINI 81, 548
Tropidia 474
 TROPIDIINI 474
 TROPIDINA 73, 474
Tropidion 474
Tropidosoma 484
 TROPIDOSOMITAE 484
 TROPIPHORIDAE 617
 TROPIPHORINI 91, 617
Tropiphorus 617, 618, 890
- Tropocalymma* 485
 TROPICALYMMATINI 75, 485
 TROPICALYMMIDES 485
Tropopsis 118
 TROPPOSITOS 118
 TROPOTERIDES 118
 TROPOTERINI 22, 118
Tropopterus 118
Trox 8, 231
 TRYMOSTERNINI 133
Trymosternus 133
 TRYPANAEINA 159
 TRYPANAEINAE 28, 159
Trypanaeus 159
 TRYPANÉENS 159
 TRYPANIDITAE 486
Trypanidius 486
Trypeta 631
Trypetes 631, 890
Trypetaea 631
 TRYPETESIDAE 631
 TRYPETICINAE 28, 159
Trypeticus 159
 TRYPETIDAE 631, 882
 TRYPETIDES 631
 TRYPETIDINAE 631, 882
 TRYPETIDINI 92, 631
 TRYPETINAE 631
 TRYPODENDRINA 637
 TRYPODENDRINAE 637
Trypodendron 637
 TRYPOPHLOEINAE 632
Trophobloeus 632
 TSHEKARDCOLEIDAE 18, 94
 TSHEKARDCOLEIDEA 18, 94
Tshekardcoleus 94
 TYCHAEIDAE 566
 TYCHAEINA 84, 566
Tychaeus 566
 TYCHIIDAE 585
 TYCHIIINA 87, 585
 TYCHIIINI 87, 585
 TYCHINI 32, 188
Tychius 585
Tychus 188
Tydesa 444
 TYDESSINAE 69, 444
 TYDESSINI 444
 TYLACHENIAE 279
Tylauchenia 279
 TYLAUCHENIINA 46, 279
 TYLICINI 291
Tylicus 291
Tylodes 599
 TYLODIDES 599
 TYLODINA 89, 599, 600
 TYLODINAE 600
 TYLONOTINI 118
Tylonotus 118

- Tylosis* 483
 TYLOSITAE 483
 TYNDARIDINA 46, 279
 TYNDARIDINI 46, 279
 TYNDARINI 279
Tyndaris 279
Typhaea 385
 TYPHAEINA 385
 TYPHAEINI 62, 385
 TYPHLOCHARINA 113
Typhlocharris 113
 TYPHLORHININI 91, 619
Typhlorhinus 619
 TYPHLUSECHINI 411
Typhlusechus 411
 TYPHOCÉSIDES 485
 TYPHOCESINI 75, 485
Typhocesis 485
 TYPODERINA 92, 628
Typoderus 628
 TYPOPHORINAE 538
 TYPOPHORINI 79, 538
Typophorus 538
 TYRIDES 189, 190
 TYRINA 33, 190
 TYRINI 33, 189
Tyrus 189, 190
 TYTTASPIDES 377
Tytthaspis 377
 TYTTTHONYNI 330
Tytthonyx 330
 TYTTTHONYXINI 54, 330
Uleiota 362
 ULEIOTAEIDAE 362
 ULOCERIDES 566
 ULOCERINI 84, 566
Ulocerus 566
Ulodes 396
 ULODIDAE 64, 396
 ULODINAE 396
Uloma 426, 893
 ULOMASCIDES 585
 ULOMASCINAE 585
 ULOMASCINI 87, 585
Ulomascus 585
 ULOMINI 67, 426
 ULOMITAE 426
 ULOMITES 426
Ulyana 551
 ULYANIDAE 81, 551
Ulyanisca 542
 ULYANISCINI 80, 542
Undulifer 8, 230
 UNDULIFERINAE 8, 230
Unxia 485
 UNXIINI 75, 485
 UPIDAE 432
Upinella 427
 UPINELLAE 427
- Upis* 432
Uptonia 430
 UPTONINA 68, 430
Uracantha 485
 URACANTHINI 75, 485
 URACANTHITAE 485
Uracanthus 485
 URACANTITAS 485
 URALOCOLEIDAE 94
Uralocoleus 94
Urodon 551
 URODONTIDES 551
 URODONTINAE 81, 551
Uroplata 519, 890
 UROPLATINI 79, 519
 UROPTERA 565
 UROPTERINA 566, 869
 UROPTERINI 565
 USECHINI 64, 395
Usechus 395
 VACRONINAE 412
 VACRONINI 66, 412
Vacronus 412
Vadonaxia 283
 VADONAXIINI 47, 283
Valda 188
 VALDIINI 188
 VALDINI 32, 188
Valenfriesia 550
 VALENFRIESHINI 81, 550
 VALGIDAE 272
 VALGINA 45, 271
 VALGINI 44, 271, 272
 VALGUAIRES 271
Valgus 271
Vanapa 630
 VANSONIINA 65, 405
 VANSONINI 405
Vansonium 405
 VATELLINI 27, 153
Vatellus 153, 891
 VATESINI 33, 191
Vateus 191
 VATINIINAE 230
Vatinus 230
 VELLEJINAE 229
Vellejus 229
Velora 492
 VELORINI 492
Verodes 396
 VESPÉRAIRES 452
Vesperella 485
 VESPERELLINI 75, 485
 VESPERIDAE 71, 451, 452
 VESPERINAE 71, 451, 452
 VESPERINI 452
 VESPEROCTENINI 72, 462
Vesperoctenus 462
Vesperus 452
- Vesta* 327
 VESTINA 327
 VESTINI 54, 327
 VETURINAE 230
Veturius 230
Vindex 231
 VINDICINAE 231
 VITICINAE 586
 VITICINI 87, 586
Viticis 586
 VITICLERINI 57, 346
Viticlerus 346
 VOSSICARTINI 560
Vossicartus 560
 VRILETTINI 340
Vrilletta 340
 WALLACEA 514
 WALLACEAD[A]E 514
 WALLACÉITES 514
Wasmannotherium 191
Webbia 637
 WEBBINAE 637
Wittmeraltica 526
 WITTMERALTICINA 526
Wittmeroquasimus 316
 WITTMEROQUASIMUSINA 52, 316
 WITTMEROQUASINA 316
 WOOLDRIDGEINI 49, 294
Wooldridgeus 294
 XANTHOLINI 38, 224, 225, 876, 888
Xantholinus 225, 893
 XANTHOMINI 417
Xanthomus 417
 XANTHOPYGINA 38, 224, 876
Xanthopygus 224
 XENAROSWELLANINI 145
Xenaroswellian 145
Xenaroswelliana 145
 XENAROSWELLIANINI 25, 145
Xenaster 221
 XENASTERES 221
Xenicotele 503
 XENICOTELINI 77, 503
 XENOBYTHINA 32, 186
Xenobylus 186
 XENOCEPHALINI 191
Xenoccephalus 191
 XÉNOCERIDES 549
 XENOCERINI 81, 549
Xenocerus 549
Xenoda 531
 XENODITES 531
Xenodusa 202
 XENODUSAE 202
Xenofrea 503
 XENOFREINI 77, 503
Xenolea 503
 XÉNOLÉIDES 503

- XENOLEINI 77, 503
 XENOMYCETES 373
 XENOMYCETINAE 61, 373
 XENOPSEINA 46, 278
 XENOPSINA 278
Xenopsis 278
Xenorchester 550
 XENORCHESTIDES 550
 XENORCHESTINI 81, 550
 XENORHIPIDINA 47, 287
 XENORHIPIDINI 8, 47, 287
 XENORHIPINI 287
Xenorhipis 8, 287
 XENOSCELINAE 58, 356
 XENOSCELINI 356
 XENOSCELININI 356
Xenoscelinus 356
Xenoscelis 356
Xenospasta 438
 XENOSPASTINA 69, 438
Xenota 193
 XENOTAE 193
Xerobia 620
 XEROBIADAE 620
 XESTOBIINI 339
Xestobium 339
 XIPHASPIDINAE 92, 631
Xiphaspis 631
 XIPHOSCELIDAE 272
 XIPHOSCELIDINI 8, 45, 272
Xiphoscelis 8, 272
 XIROSCELINI 279
Xiroscelis 279
 XIXUTHRI 459
 XIXUTHRINA 71, 459
Xixuthrus 459
 XYLARIOPHILINAE 60, 369
Xylariophilus 369
 XYLEBORI 637
 XYLEBORINI 93, 637
 XYLEBORIPINA 632
 XYLEBORIPS 632
Xyleborus 637, 890
 XYLECHINIDES 634
Xylechinus 634
 XYLETTINIDAE 340
 XYLETTININAE 56, 340
 XYLETTININI 56, 340
Xyletinus 340, 892
Xylina 549
Xylina 549
 XYLINADIDES 549
 XYLINADINAE 549
 XYLINADINI 81, 549
Xylita 389
 XYLITINA 389
 XYLITINI 63, 389
 XYLOBIINI 50, 302
Xylobius 302
 XYLOBORIPINA 632
 XYLOCTONIDAE 637
 XYLOCTONINI 93, 637
Xyloctonus 637
Xylographella 386, 387
 XYLOGRAPHELLINA 63, 387
 XYLOGRAPHELLINI 63, 386, 387
 XYLONICHINI 248
Xylonichus 248
 XYLONYCHINI 248
Xylonychus 248
Xylopertha 336
 XYLOPERTHINI 55, 336
 XYLOPHILIDAE 449
Xylophilus 302, 449
Xylorhiza 504
 XYLORHIZIDES 504
 XYLORHIZINI 77, 504
 XYLORRHIZINAE 504
 XYLOSTEINA 464
 XYLOSTEINI 72, 464
Xylosteus 464
 XYLOTERI 637
 XYLOTERINI 93, 637
Xyloterus 637
Xylotrupes 260
 XYLOTRUPIDAE 260
 XYROSCOLIDINI 46, 279
Xyrosclis 279
 XYSTOSOMINA 22, 114
Xystosomus 114
Xystrocera 485
 XYSTROCERINI 75, 485, 486
 XYSTROCERITAE 486
 XYSTROCÉRITES 485
 XYSTROPIDES 427
 XYSTROPODIDAE 427
 XYSTROPODINA 67, 427
 XYSTROPODINAE 426, 876
 XYSTROPODINI 426
Xystropus 427
Yanga 304
 YANGINI 304
 ZABRIDES 145
 ZABRINA 25, 145
 ZABRINAE 122
 ZABRINI 25, 145
Zabrus 145
 ZACOTINI 111
Zacatus 111
 ZADENINA 423
Zadenos 423
 ZAPLOI 499
Zaplous 499
 ZARACIDES 456
 ZARACINAE 457
 ZARACINI 457, 870
Zarax 456
Zarudniola 275
 ZARUDNIOLIDAE 275
Zavaljus 356
Zebra 467
Zelliboria 478
 ZELLIBORIINAE 478
Zelma 109
 ZELMIDES 109
 ZELMINA 110
 ZELMINI 110, 870
Zenaa 298
 ZENODOSINAE 57, 346
 ZENODOSINI 346
Zenodorus 346
 ZENOIDAE 298, 869
 ZENOINI 298
Zetecotomus 225
 ZETHINI 182
 ZETHIOPSINA 182
Zethopsus 182
Zethus 182
Zeugophora 504, 891
 ZEUGOPHORINAE 77, 504
Zherichinixena 552
 ZHERICHINIXENINA 82, 552
 ZILINI 380
Zilora 389
 ZILORINI 389
 ZILORINI 63, 389
Zilus 380
 ZOLINA 22, 116
 ZOLINI 22, 116
 ZOLINOPATROBINA 116
Zolinopatrobus 116
 ZOLODININAE 64, 397
Zolodinus 397
Zolus 116
 ZONABRINI 440
Zonabris 440
 ZONITAIRES 442
 ZONITES 442
 ZONITES 442
 ZONITIDAE 442, 884
 ZONITIDINA 69, 442
 ZONITIDINAE 442, 884, 887
Zonitis 442, 857, 891
 ZOPHERIDAE 64, 392, 393, 395,
 396, 877, 888, 893
 ZOPHERINAE 64, 395, 396
 ZOPHERINI 64, 395, 396
 ZOPHÉRITES 392, 395
 ZOPHEROIDAE 395
 ZOPHEROSINI 396
Zopherosis 396
Zopherus 392, 395
 ZOPHOSINI 66, 412
Zophosis 412
 ZOPHOSITES 412
 ZUPHIETAE 145, 146
 ZUPHIINA 25, 146

ZUPHIINAE 122	ZYGHIDAE 350	ZYGOGRAMMINI 521
ZUPHIINI 25, 145	ZYGOBARI 587	ZYGOPIDES 595
<i>Zuphium</i> 145, 146	ZYGOBARIDINA 87, 587, 871, 881	ZYGOPINAE 595
<i>Zygaenodes</i> 549	<i>Zygobaris</i> 587	ZYGOPINI 88, 595
ZYGAENODINAE 549	<i>Zygocera</i> 504	<i>Zygops</i> 595, 891
ZYGAENODINI 81, 549	ZYGOCERINI 77, 504	<i>Zynas</i> 202, 893
ZYGENODIDES 549	ZYGOCERITAE 504	ZYRINI 202
<i>Zygia</i> 350	<i>Zygogramma</i> 521	

A large, stylized graphic of an eye is positioned in the upper right background. It features a blue iris, a yellow ring, and a purple outer shape.

In recent years, zoologists have been reviewing the family-group names in several major orders of animals. One of the goals of these works is to provide a foundation of valid, accepted names, which will alleviate the unnecessary proposal of new taxa, facilitate decisions on priority, promote long-term stability of the classification, and pave the way for the ongoing transition of taxonomy into the digital age.

More than in any other group of living organisms, the publication of scientific names for the order Coleoptera has been prolific, both at the species level, and in the suprageneric ranks, as a result of their exceptional morphological diversity.

A dedicated team of coleopterists from around the globe have collaborated in a comprehensive review of what is known about the higher classification and nomenclature of beetles, producing a complete catalogue of the nearly 5000 known extant and fossil family-group names for the first time. The data are presented in a classification framework and the publication dates are given for the majority of the more than 2500 references cited, in order to assess both availability and priority of the names.

Although some nomenclatural problems will still need to be addressed in the future, this monograph, the largest of its kind in the zoological literature, will hopefully go a long way towards achieving the long-term stability of names used in beetle higher classification.



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